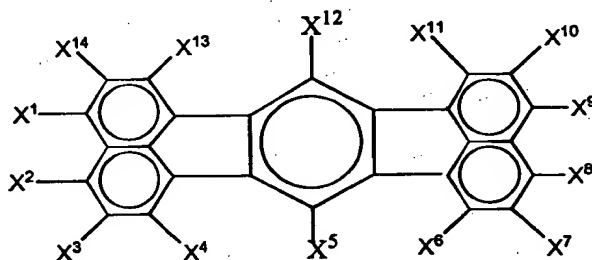


IN THE CLAIMS

Please amend the claims as follows:

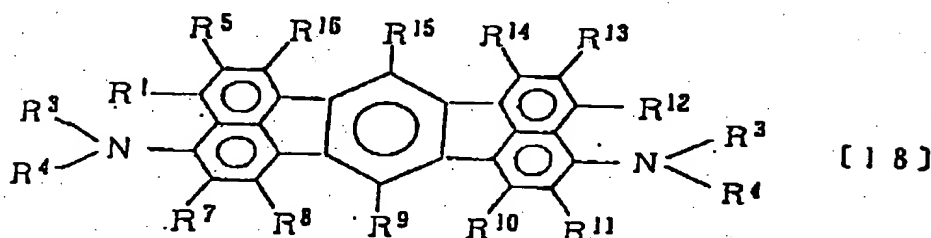
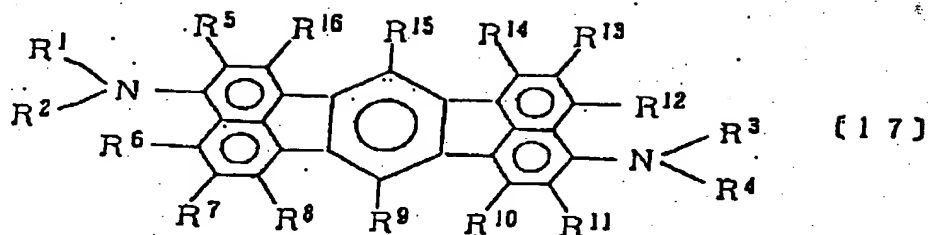
Claims 1-2 (cancelled):

D1
Claim 3 (Currently Amended): ~~The~~ An organic electroluminescence device according to ~~Claim 13~~, which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a compound having a fluoranthene skeleton structure substituted at least with an amine group or an alkenyl group, and wherein the organic layer comprises a metal complex of quinoline and a compound selected from compounds represented by the following general formula [3], [17] and [18], wherein the organic layer is at least one of a hole transporting layer or and a light emitting layer:



[3]

wherein X¹ to X²⁰ each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by X¹ to X²⁰ and a pair of adjacent substituents to groups represented by X¹ to X²⁰ may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by X¹ to Xⁱ, i representing a number of 12 to 20, comprises an amine group or an alkenyl group; with the premise that the combination of substituted group X¹³ and X¹⁴, X³ and X⁴, X¹⁰ and X¹¹, and X⁶ and X⁷ with any ring structure in the general formula (3) is omitted;



wherein R^1 to R^4 each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms; in one or both of a pair of groups represented by R^1 and R^2 and a pair of groups represented by R^3 and R^4 , the groups forming the pair may be bonded through -O- or -S-; R^5 to R^{16} represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by R^5 to R^{16} and a pair of adjacent substituents to groups represented by R^5 to R^{16} may form a cyclic structure in combination; and at least one of substituents represented by R^5 to R^{16} comprises an amine group.

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Claim 4 (Currently Amended): The organic electroluminescence device according to Claim 3 ~~13~~, wherein the organic layer comprises 1 to 70% by weight of said compound which is selected from compounds represented by general formulae [1] to [14] and [16] to [18]:.

Claim 5 (Currently Amended): The organic electroluminescence device according to Claim 3 ~~13~~, wherein a layer of an inorganic compound is disposed between the organic layer and the electrode.

Claim 6 (Currently Amended) The organic electroluminescence device according to Claim 3 ~~13~~, which emits reddish light.

Claim 7 (Currently Amended) The organic electroluminescence device according to Claim 3 ~~13~~, wherein the organic layer comprises said compound and isomers thereof.

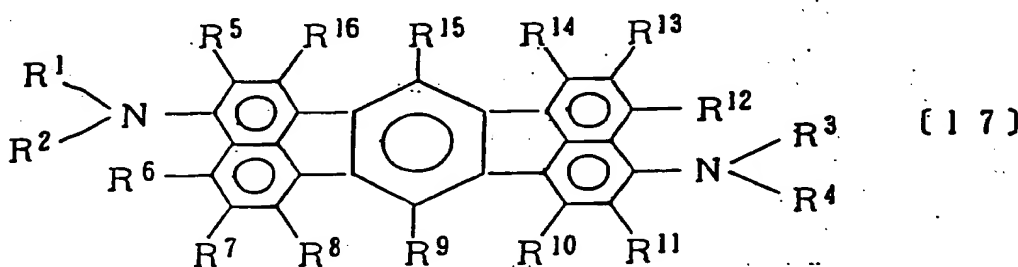
Claim 8 (Previously Presented): The organic electroluminescence device according to Claim 7, wherein, among said compound and the isomers thereof, a ratio of an amount by mole of an isomer which can emit light having a longer wavelength to an amount by mole of an isomer which can emit light having a shorter wave is in a range of 90:10 to 60:40.

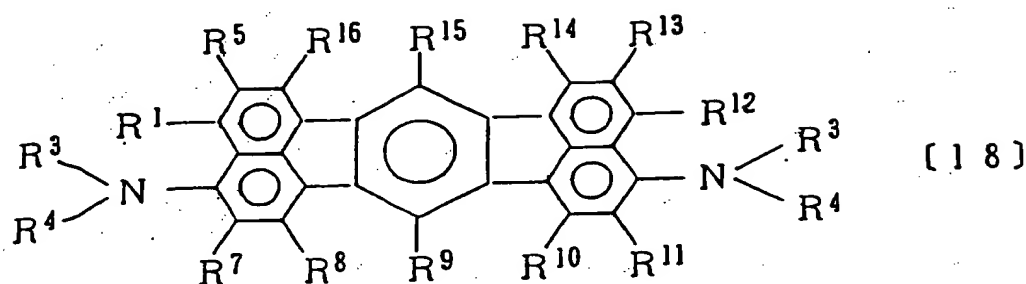
Claims 9-10 (Cancelled):

Claim 11 (Currently Amended): The organic electroluminescence device according to Claim 13, wherein the organic layer comprises at least one member of the group consisting of a hole transporting layer and a light emitting layer, and wherein a layer of an inorganic compound is between the organic layer and the electrode.

Claim 12-13 (Cancelled):

Claim 14 (Previously Presented): An organic electroluminescence device which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a metal complex of quinoline and a compound selected from compounds represented by the following general formulae [17] and [18]:

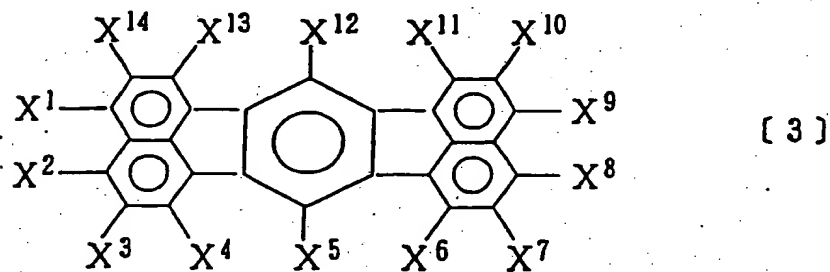
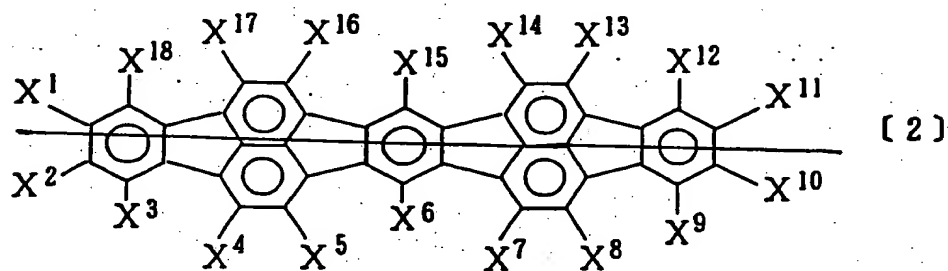
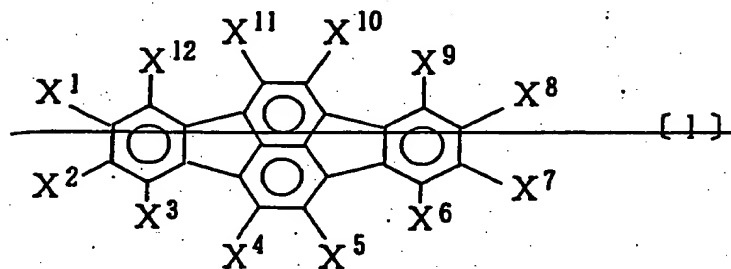


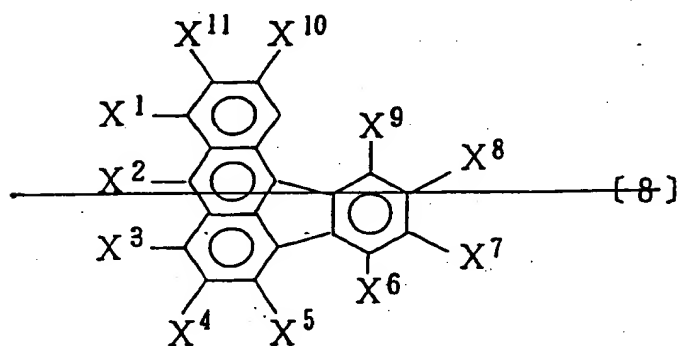
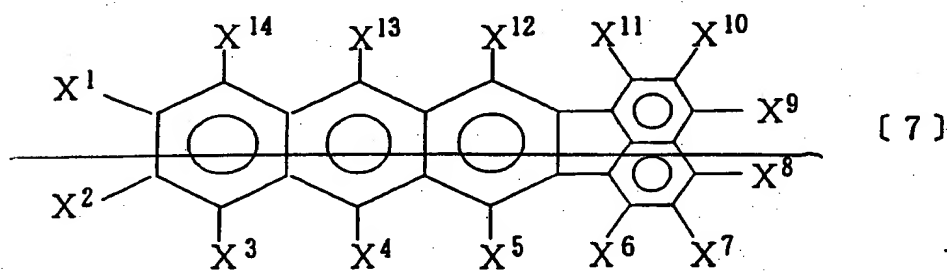
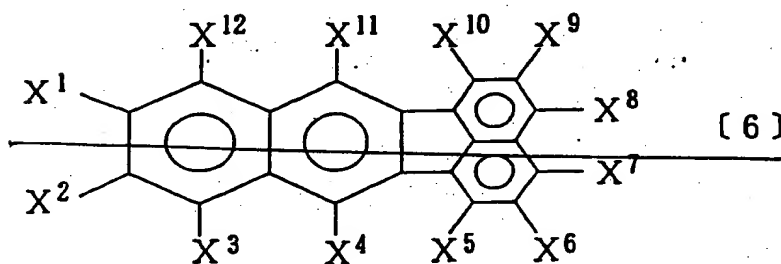
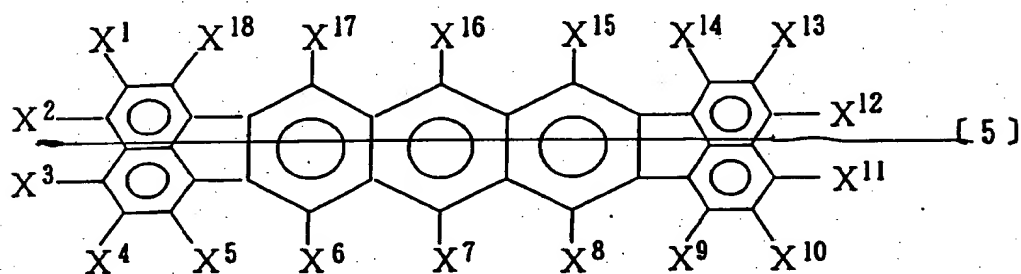
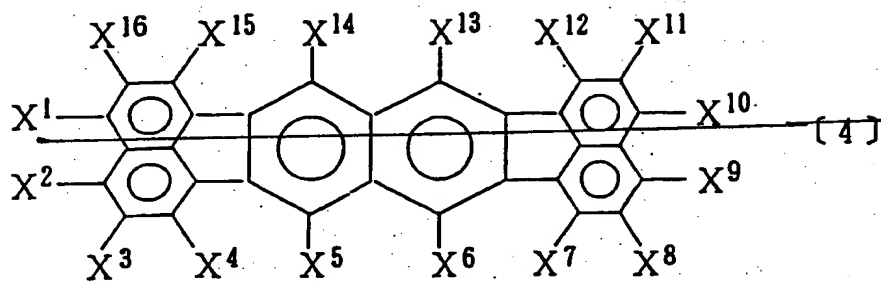


wherein R^1 to R^4 each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms in one or both of a pair of groups represented by R^1 and R^2 and a pair of groups represented by R^3 and R^4 , the groups forming the pair may be bonded through -O- or -S-; R^5 to R^{16} represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms a pair of adjacent groups represented by R^5 to R^{16} and a pair of adjacent substituents to groups represented by R^5 to R^{16} may form a cyclic structure in combination; and at least one of substituents represented by R^5 to R^{16} comprises an amine group;

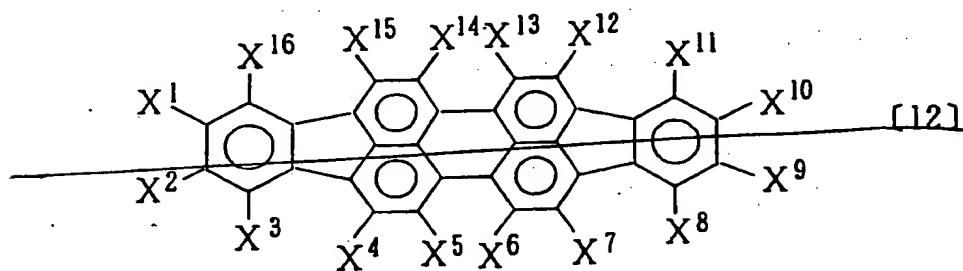
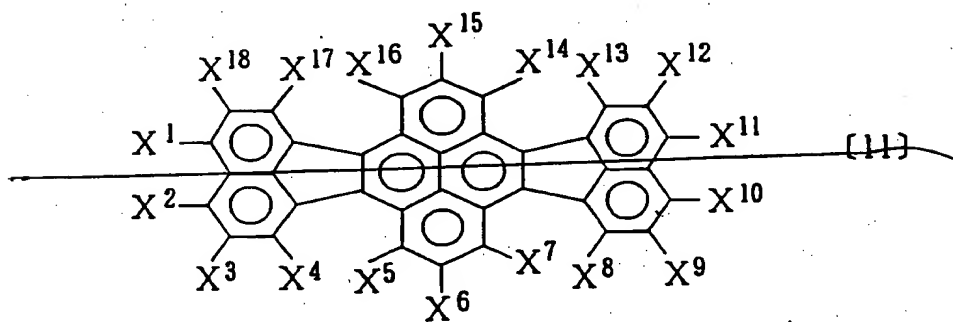
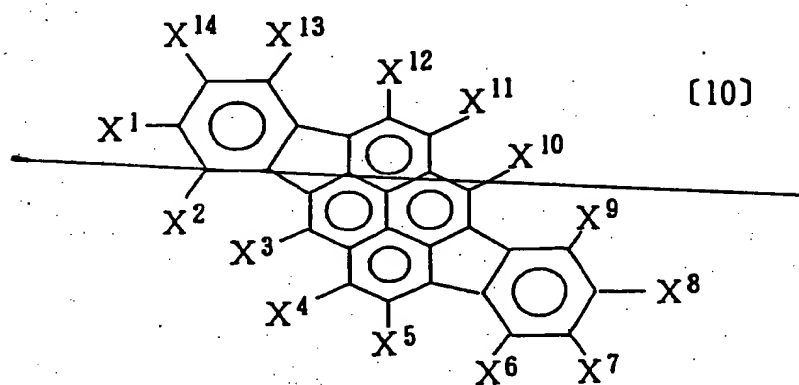
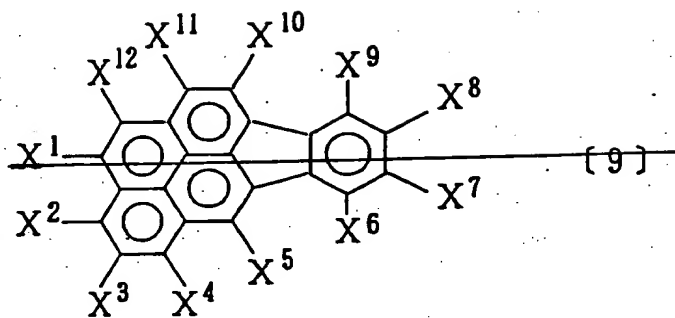
and isomers thereof, wherein, among said compound and isomers thereof, a ratio of an amount by mole of an isomer represented by general formula [17] to an amount by mole of an isomer represented by general formula [18] is in a range of 90:10 to 60:40.

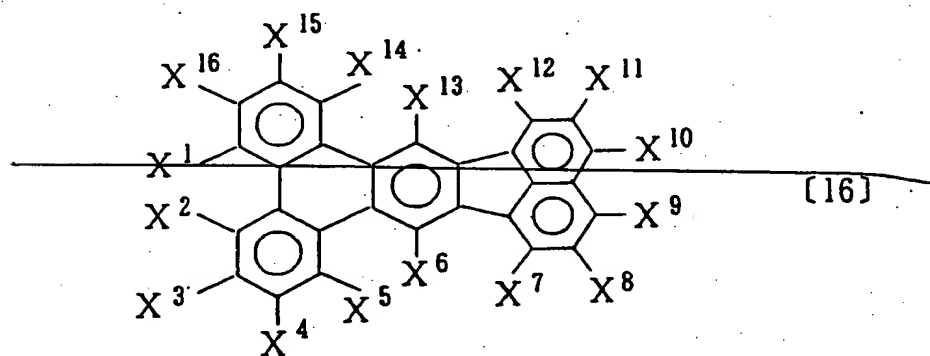
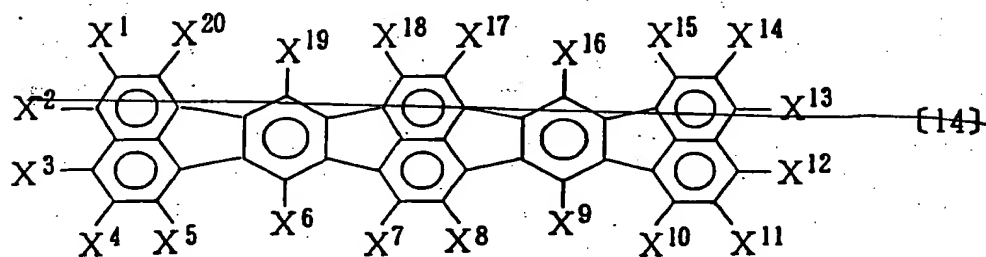
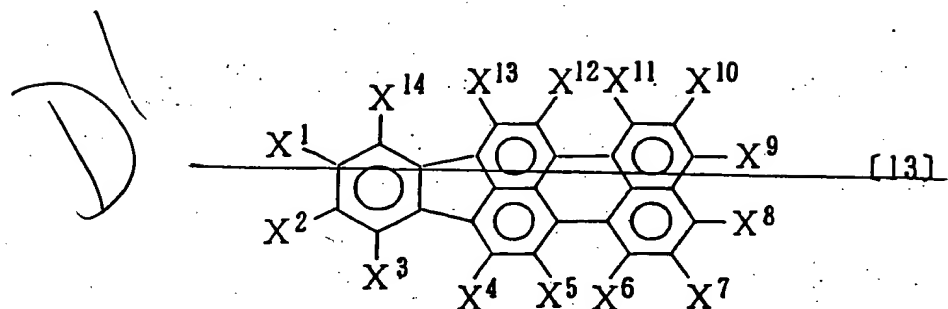
15. (Currently Amended) A compound having a fluoranthene skeleton structure substituted at least with an amino group or an alkenyl group represented by any of the following general formulae [1] [3] to [14] and [16] [17] to [18]:



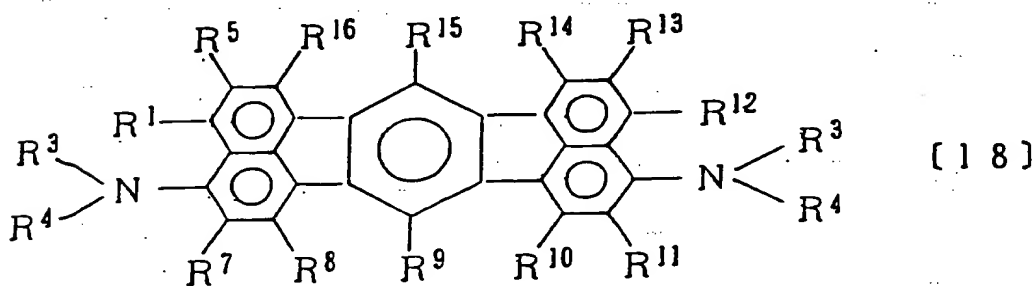
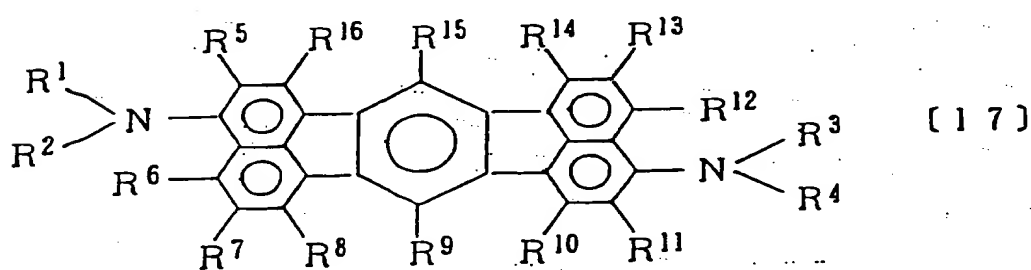


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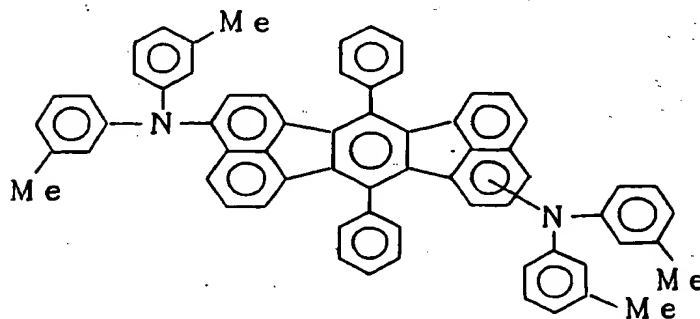
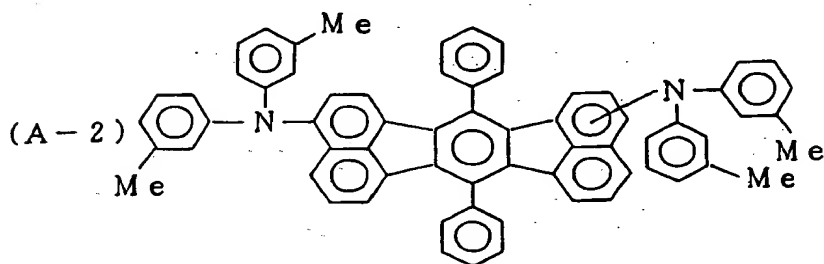
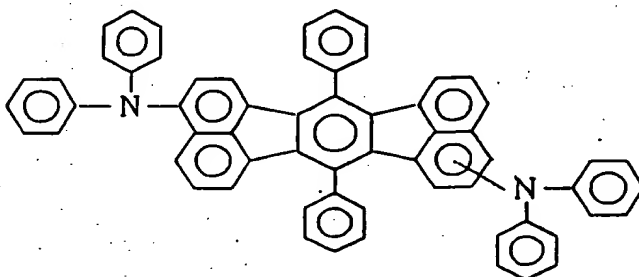
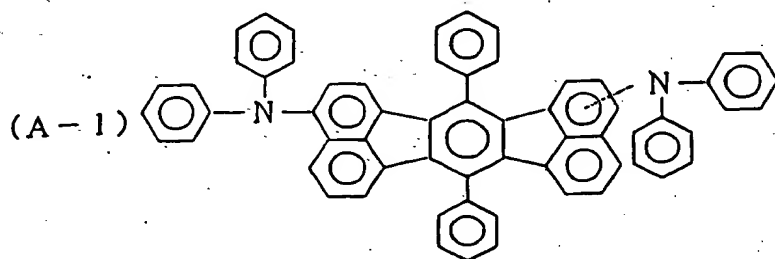


wherein X^1 to X^{20} each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms a pair of adjacent groups represented by X^1 to X^{20} and a pair of adjacent substituents to groups represented by X^1 to X^{20} may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by X^1 to X^i , i representing a number of 12 to 20, comprises an amine group or an alkenyl group; with the exception that the combination of forming any cyclic structure with any of the substituted group pairs X^{13} and X^{14} , X^3 and X^4 , X^{10} and X^{11} , and X^6 and X^7 in the general formula (3) is omitted;

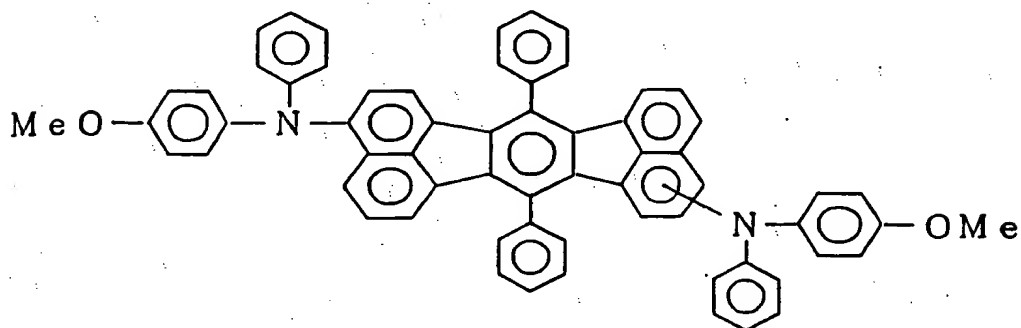
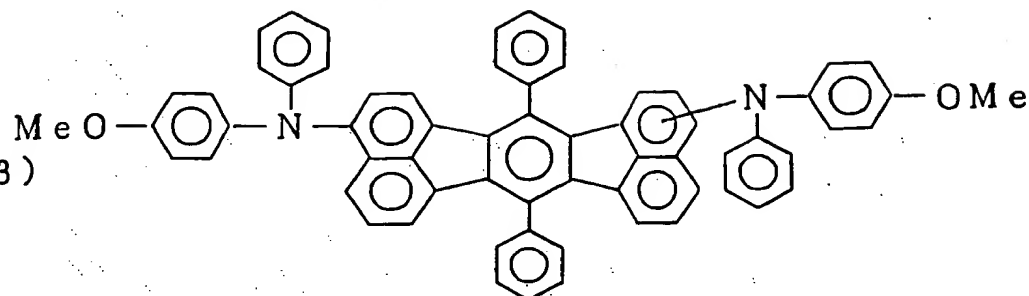


wherein R¹ to R⁴ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms in one or both of a pair of groups represented by R¹ and R² and a pair of groups represented by R³ and R⁴, the groups forming the pair may be bonded through -O- or -S-; R⁵ to R¹⁶ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by R⁵ to R¹⁶ and a pair of adjacent substituents to groups represented by R⁵ to R¹⁶ may form a cyclic structure in combination; and at least one of substituents represented by R⁵ to R¹⁶ comprises an amine group.

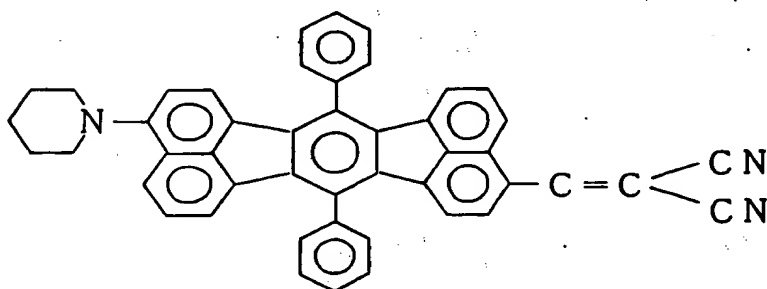
Claim 16 (Currently Amended): The organic electroluminescence device according to Claim 13, wherein the compound has at least one structure selected from the group consisting of:



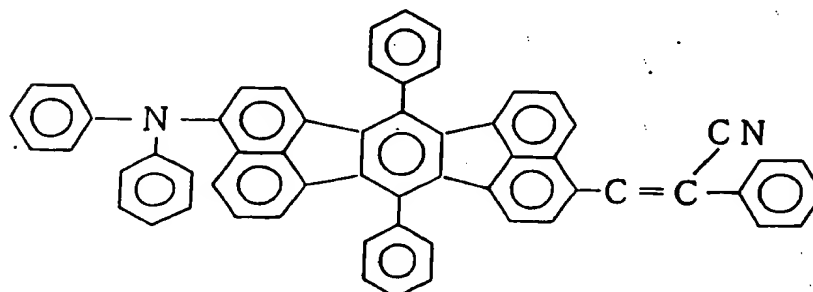
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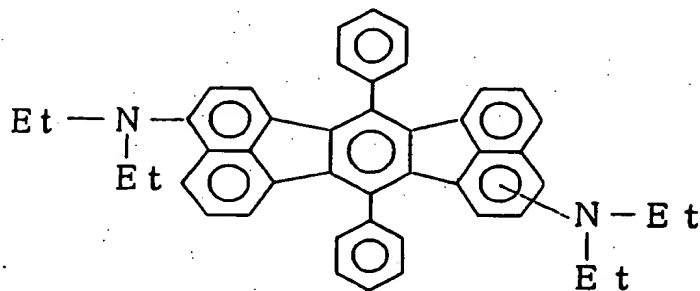
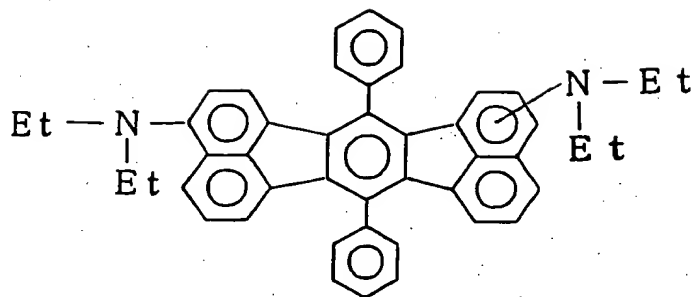
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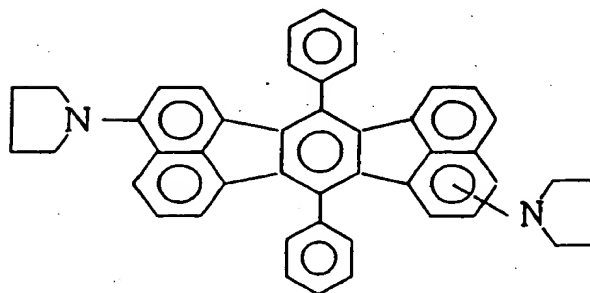
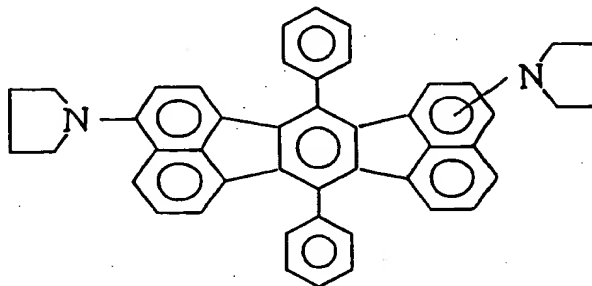
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(A-6)

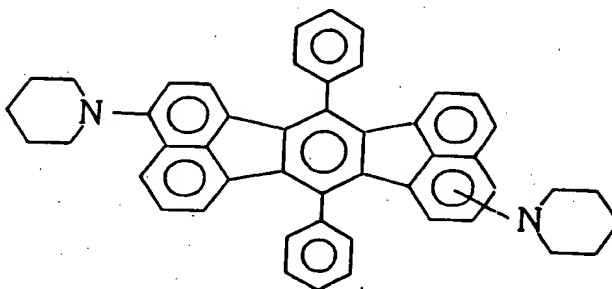
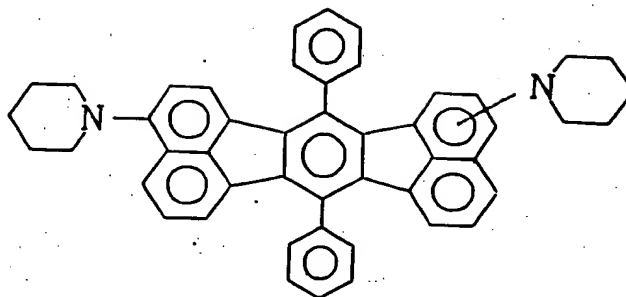


(A-7)

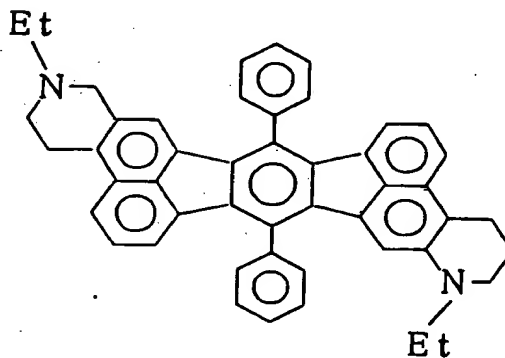


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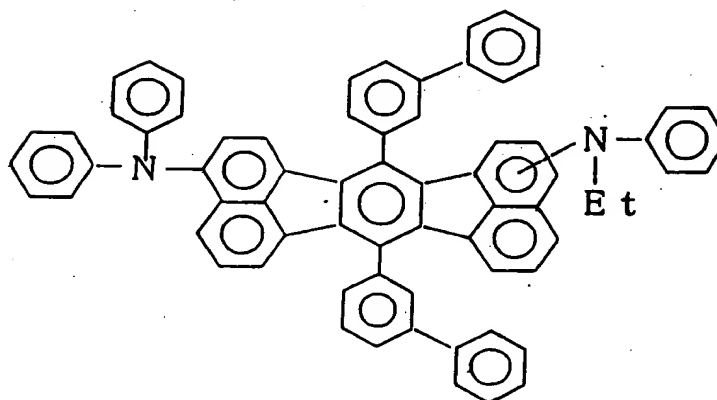
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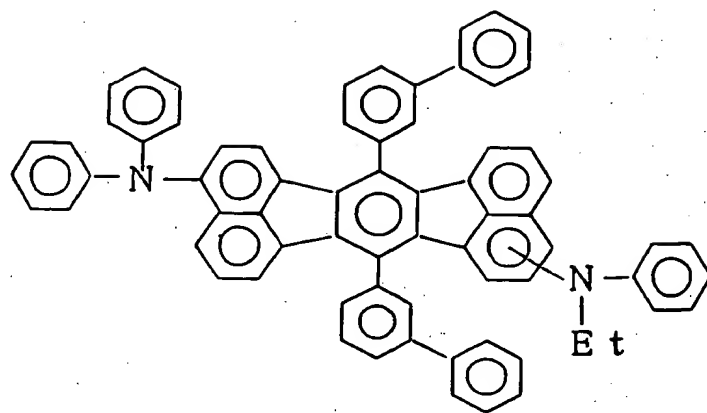
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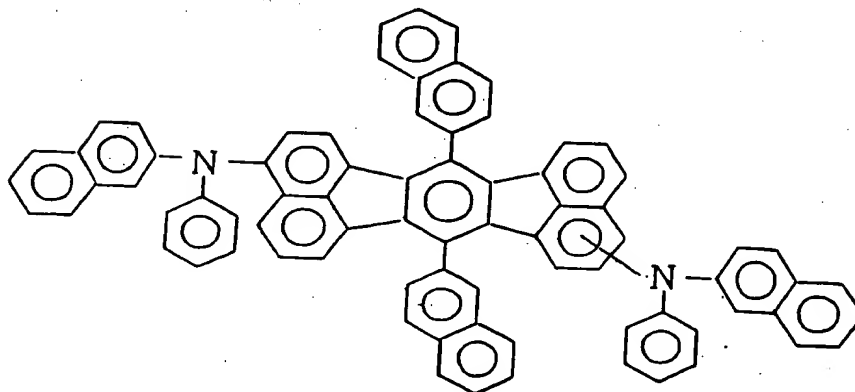
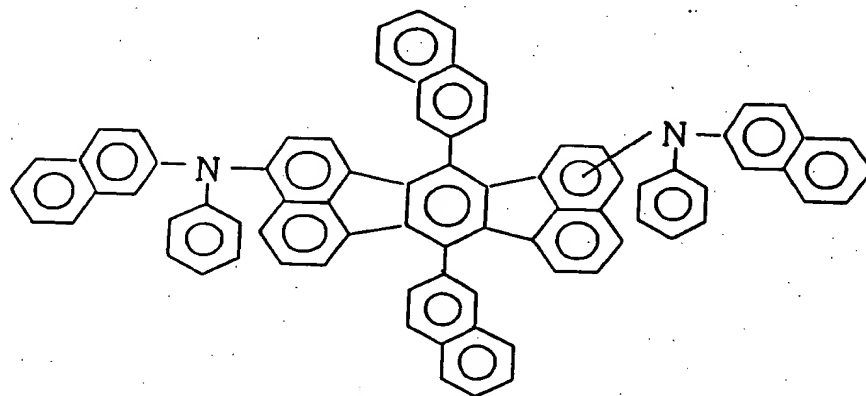
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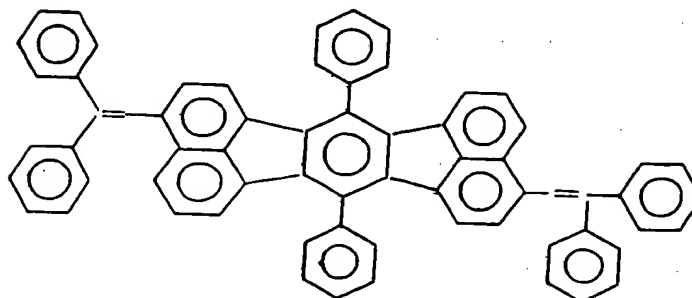
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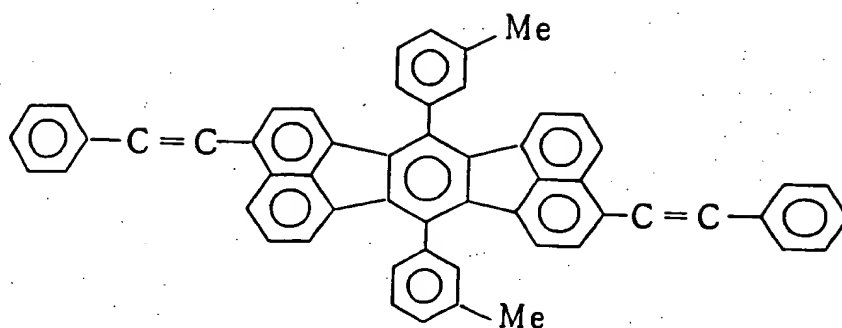
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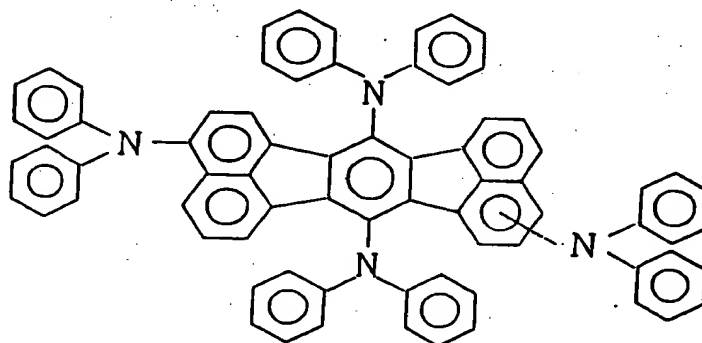
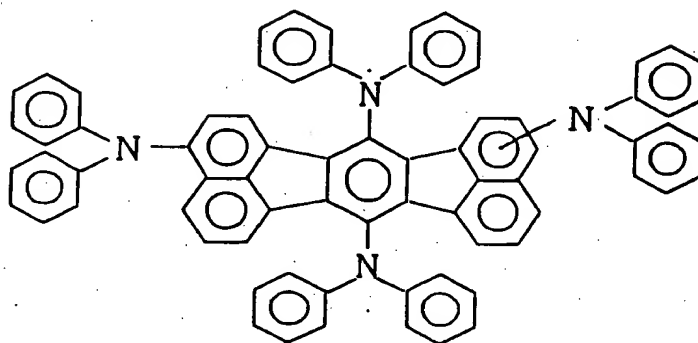
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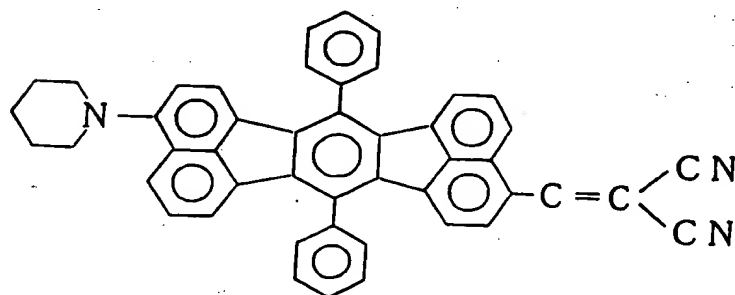
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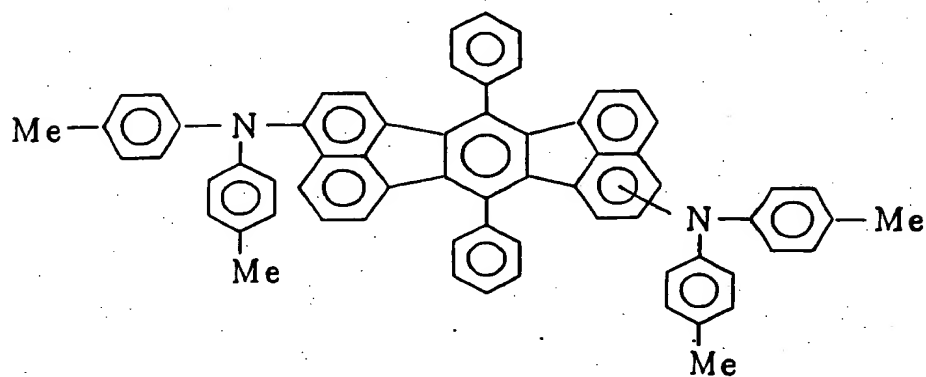
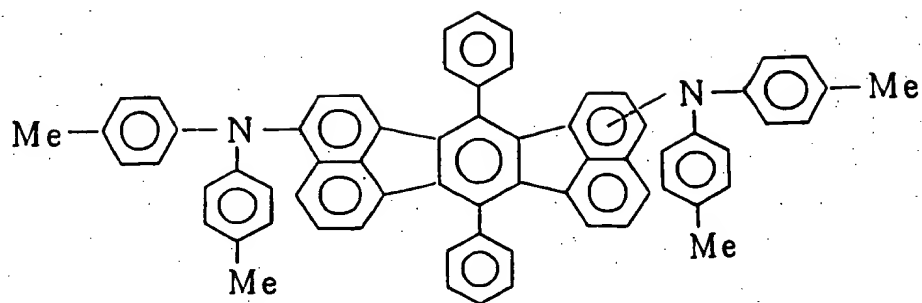
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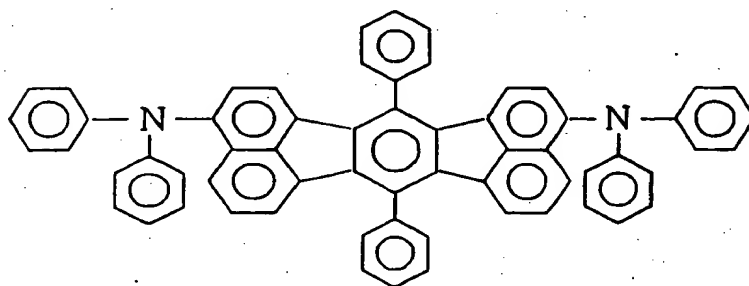
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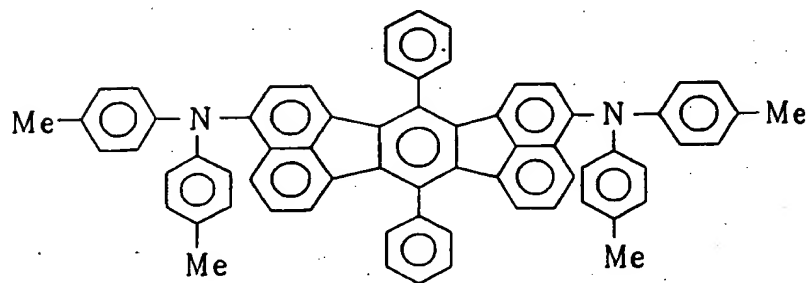
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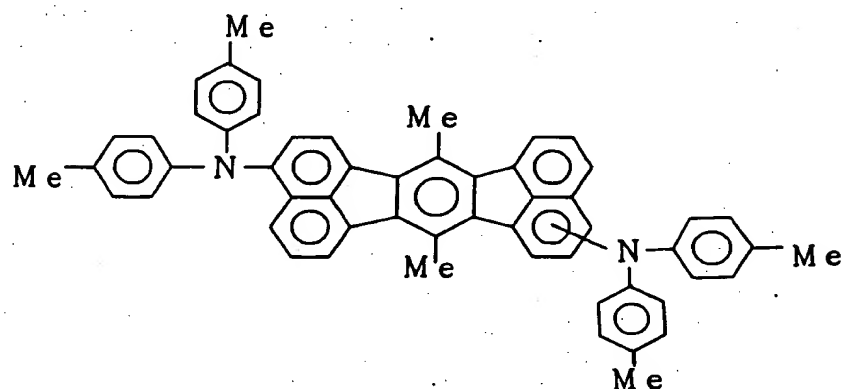
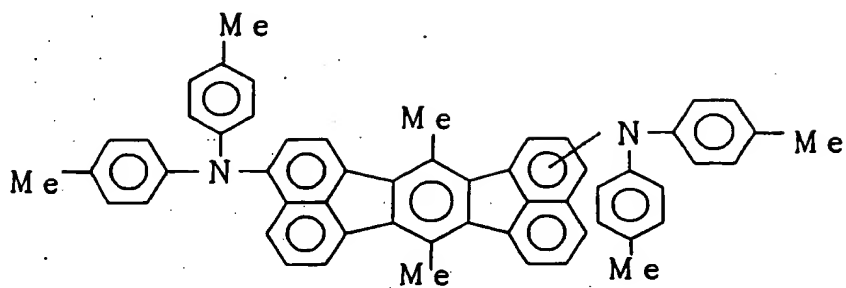
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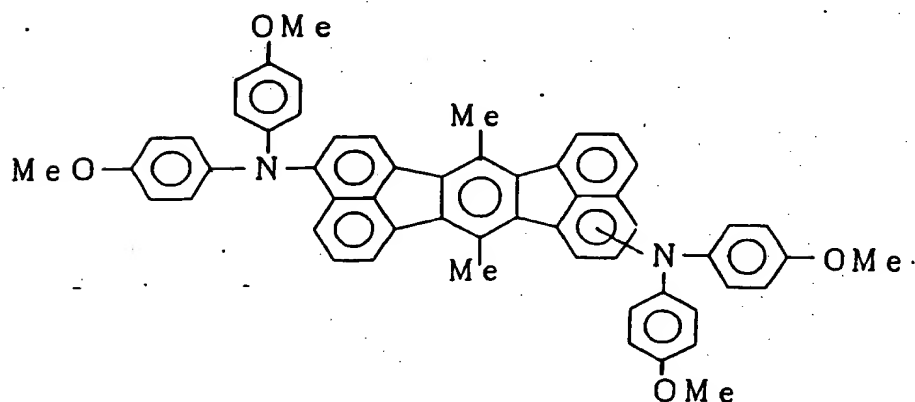
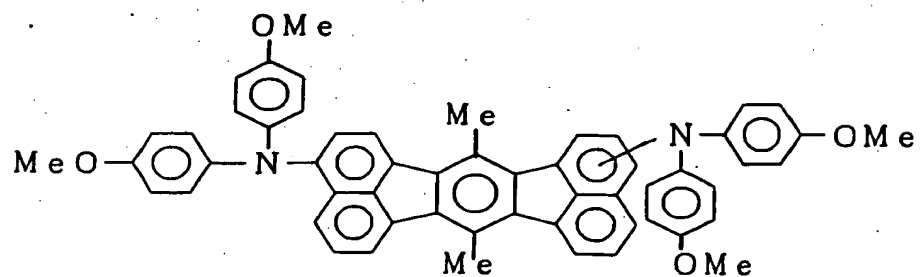
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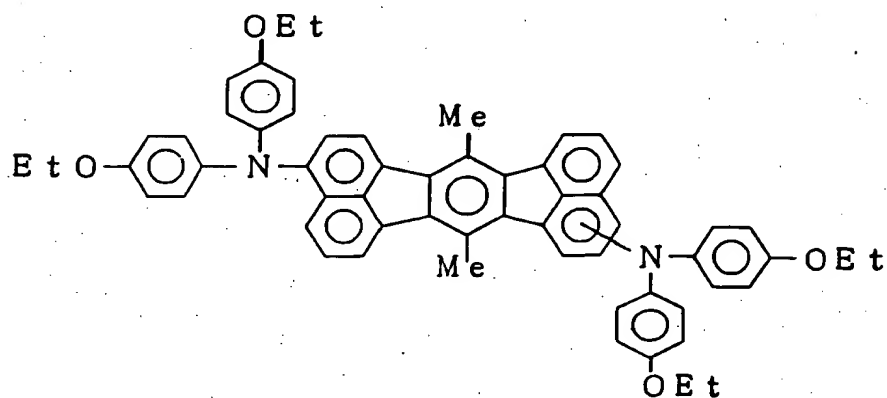
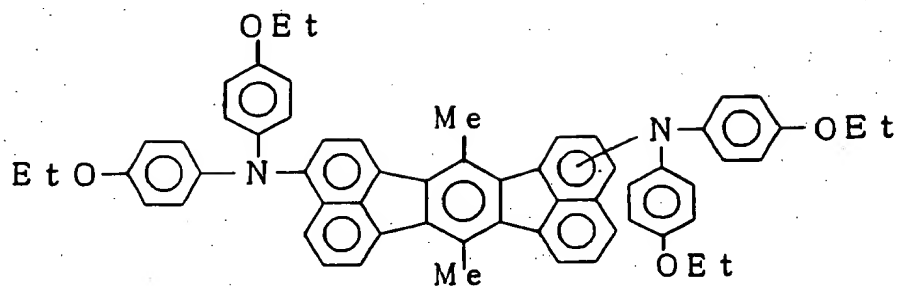
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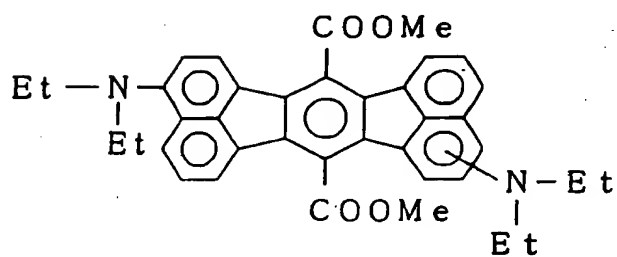
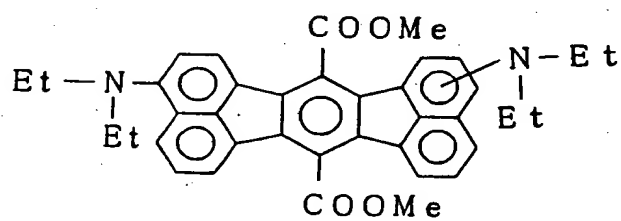
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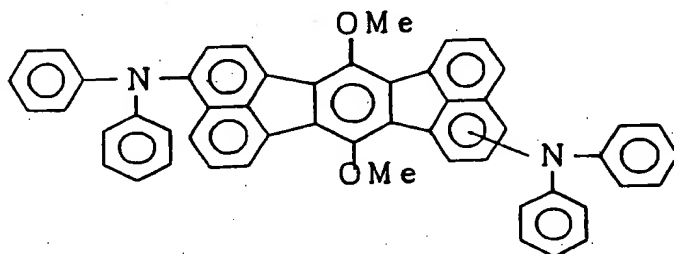
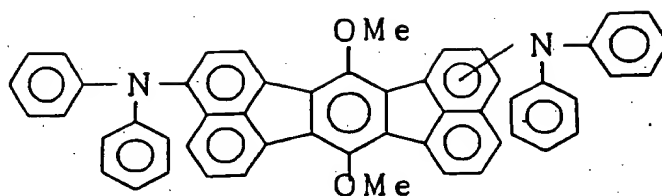
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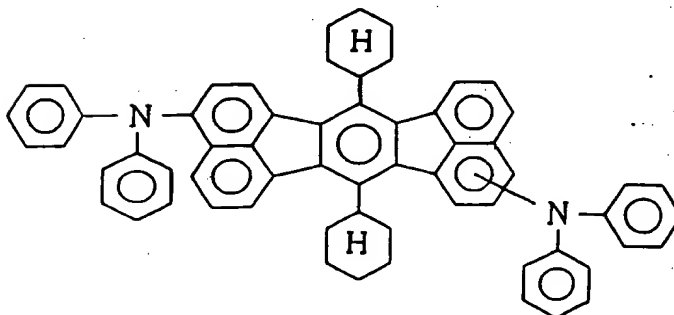
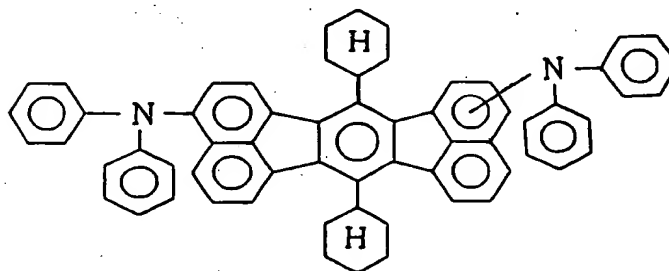
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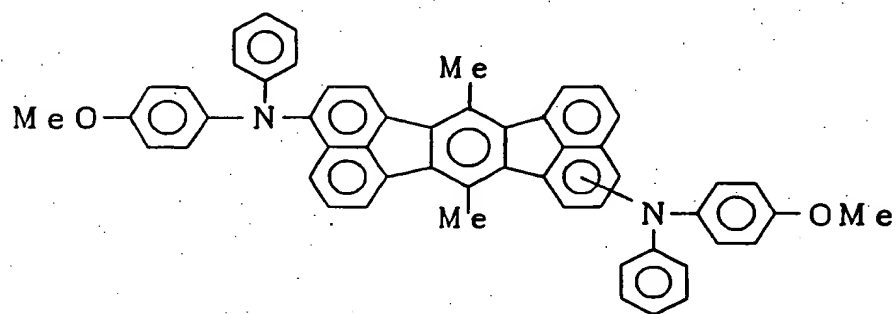
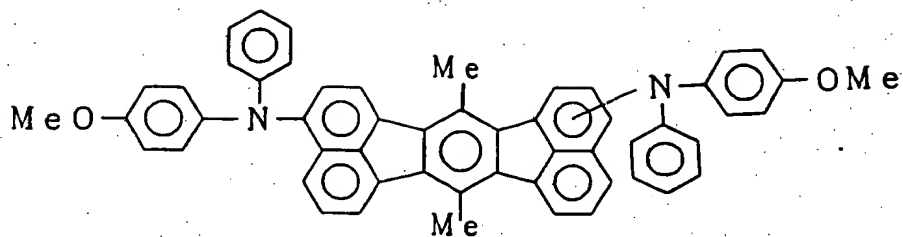
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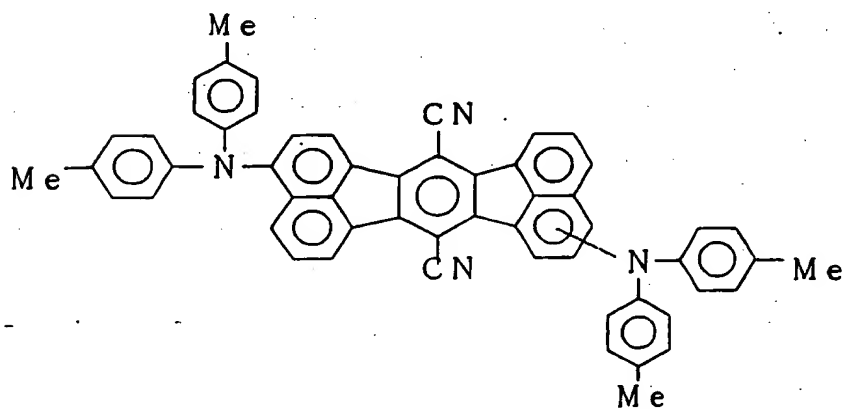
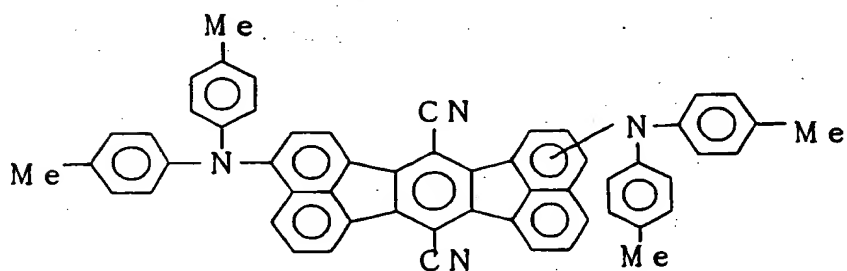
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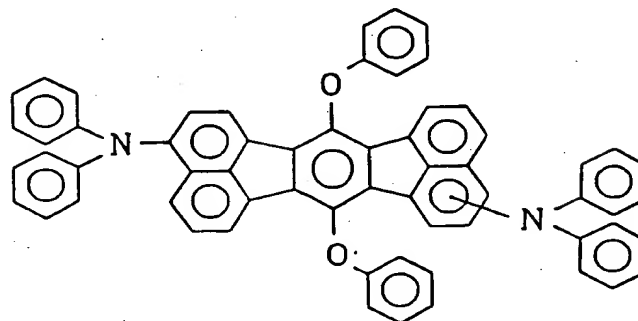
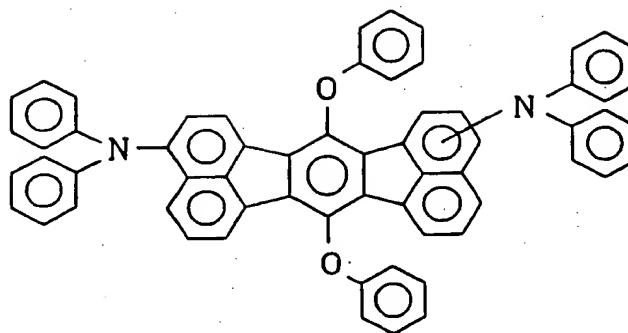
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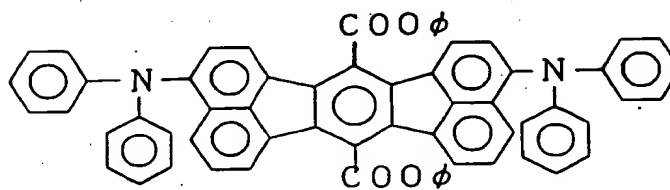
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(A-27)

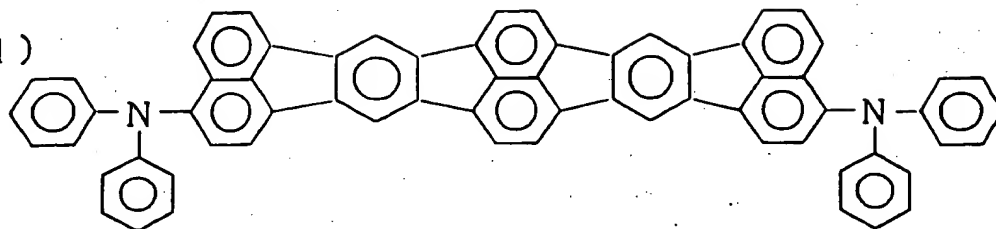


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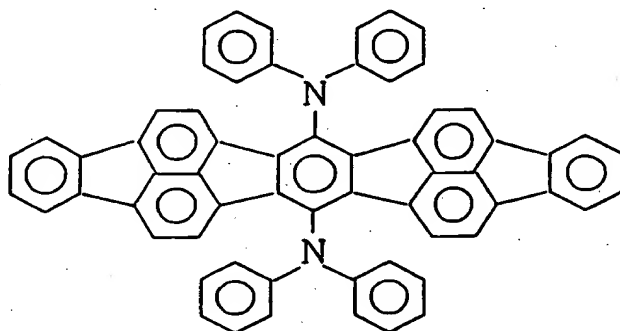


(ϕ is phenyl group)

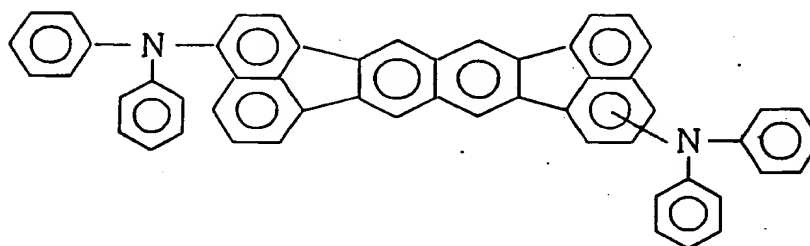
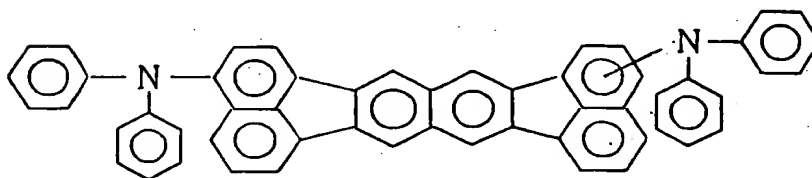
(B-1)

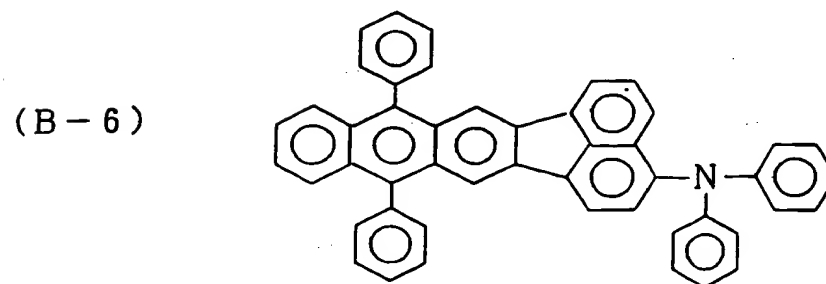
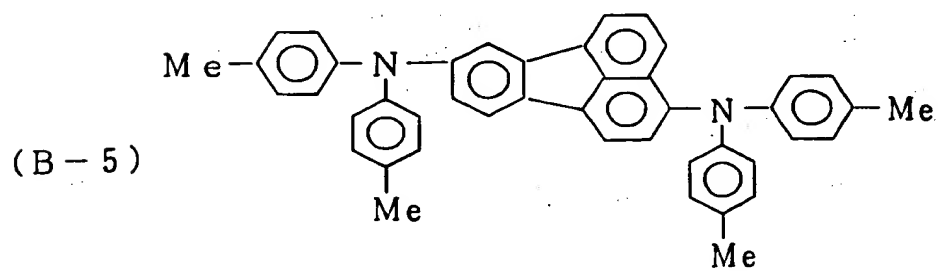
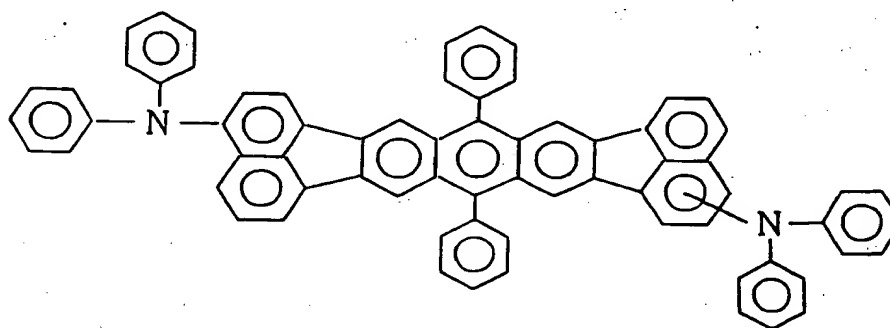
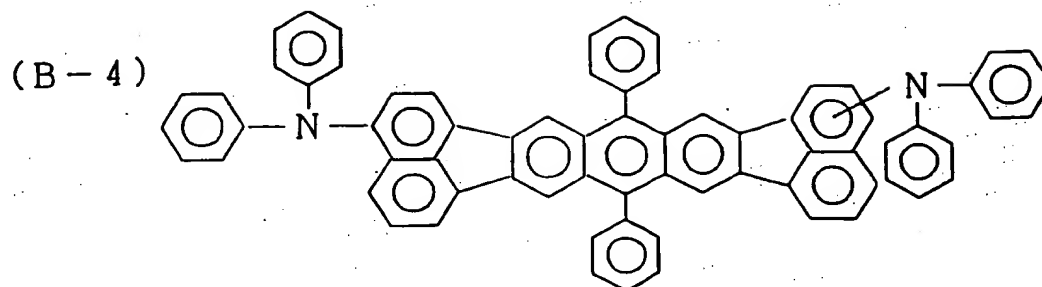


(B-2)

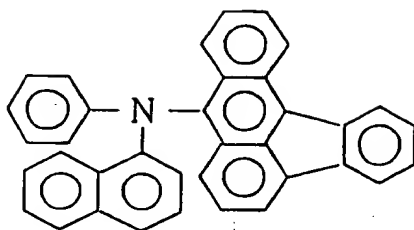


(B-3)

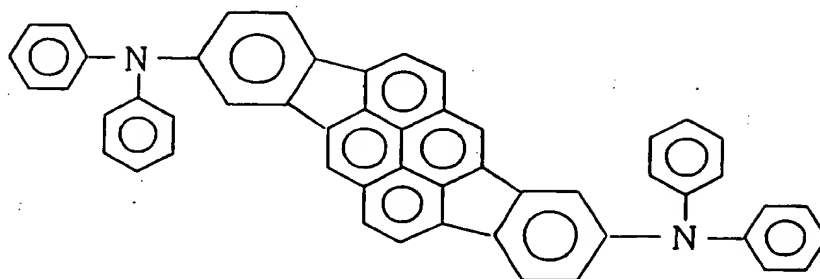




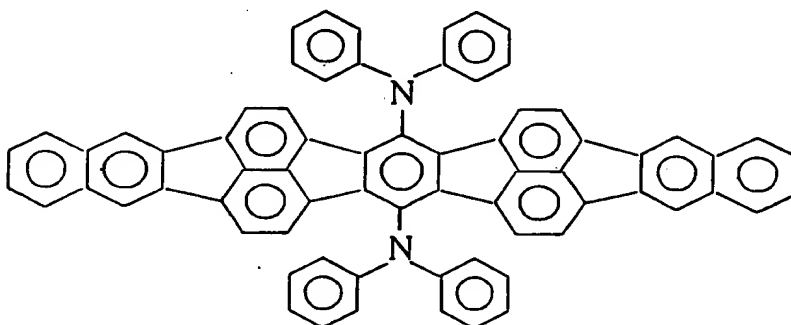
(B-7)



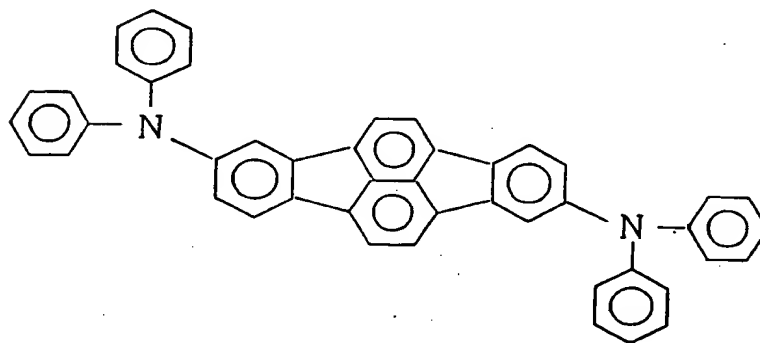
(B-8)



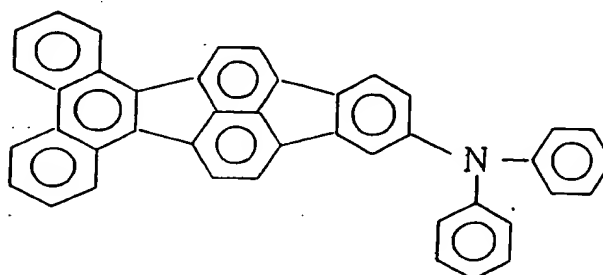
(B-9)



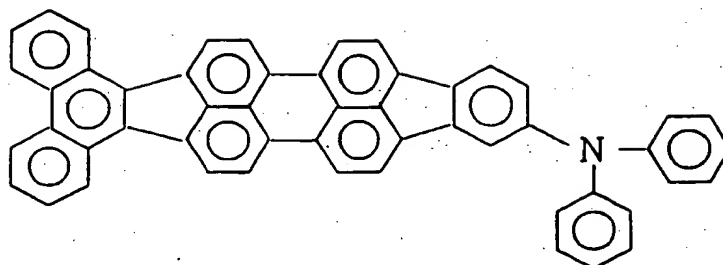
(B-10)



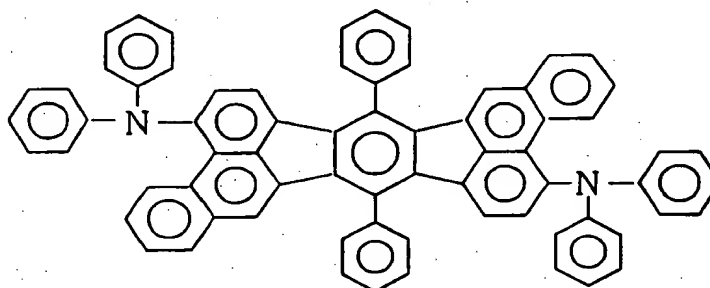
(B-11)



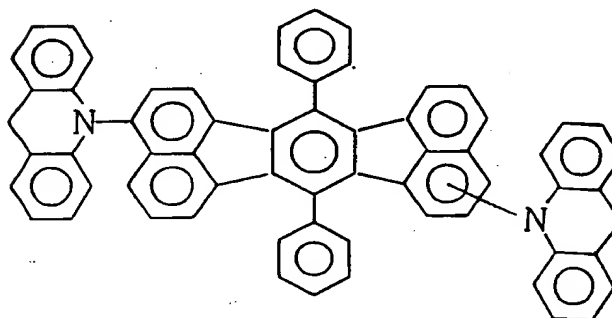
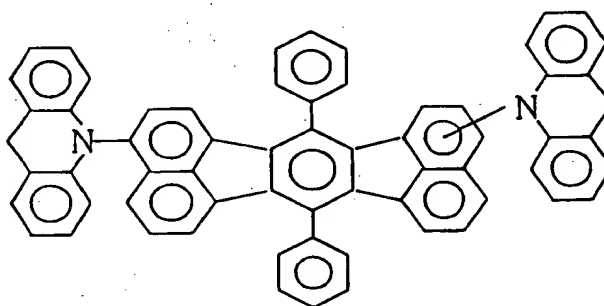
(B-12)



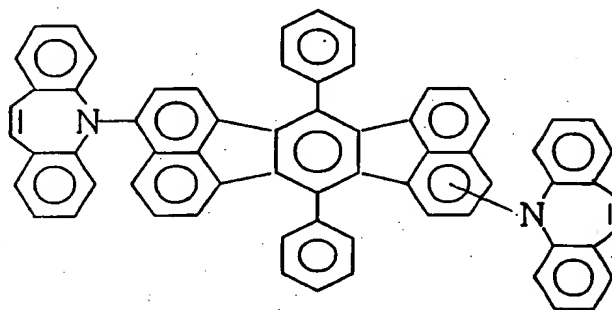
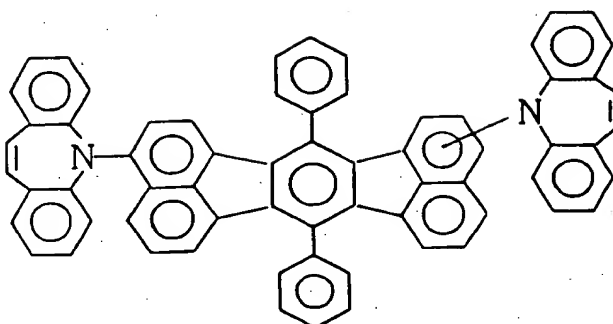
(B-13)



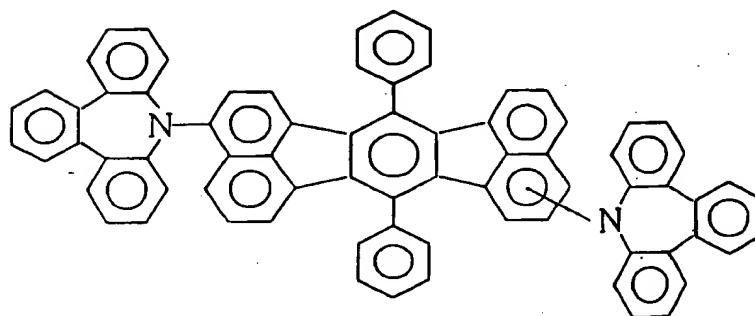
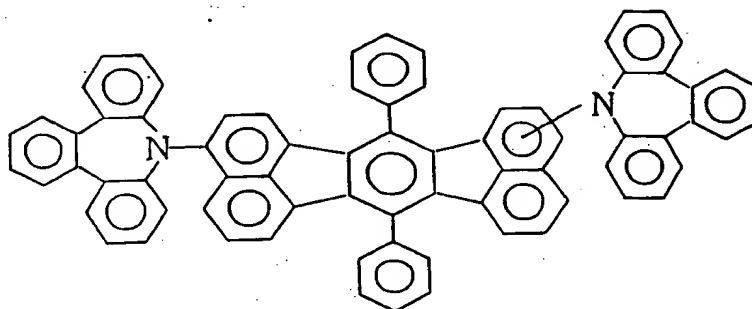
(B-14)



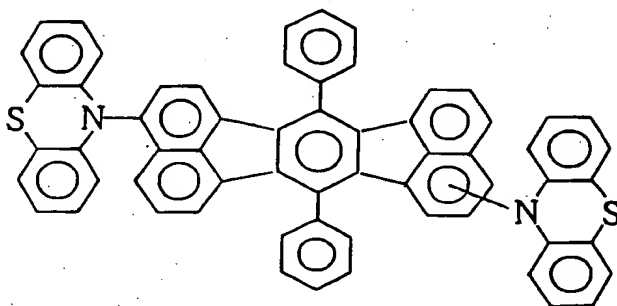
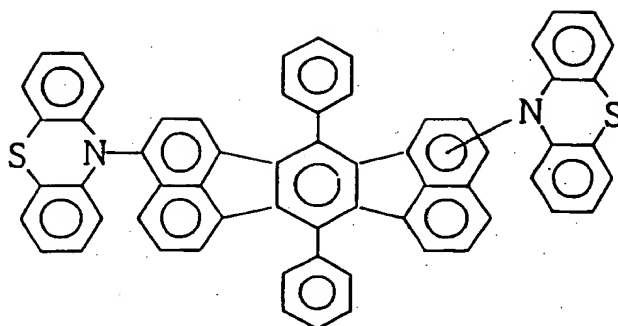
(B-15)



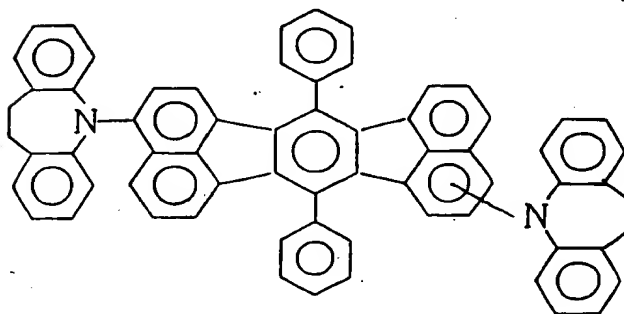
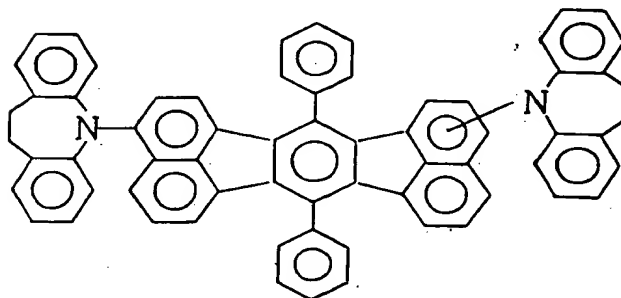
(B-16)



(B-17)

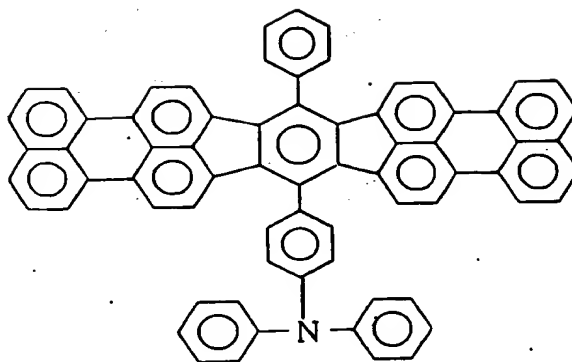


(B-18)

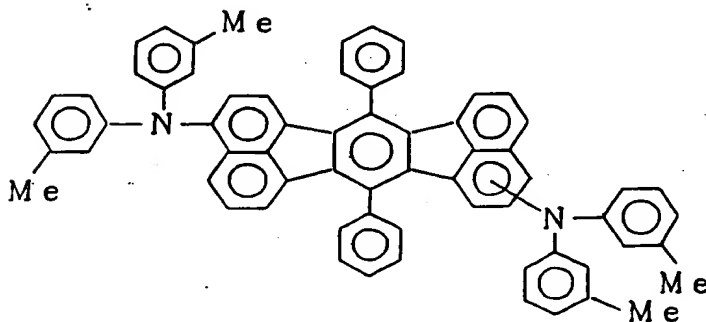
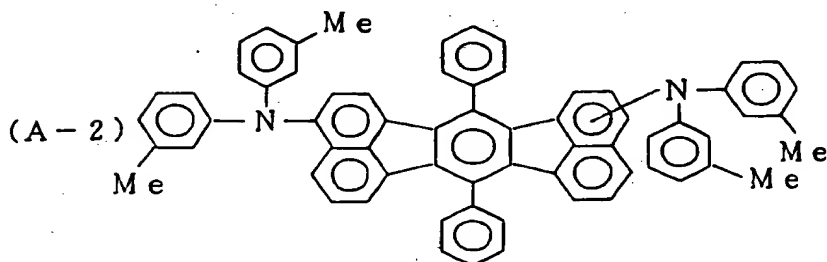
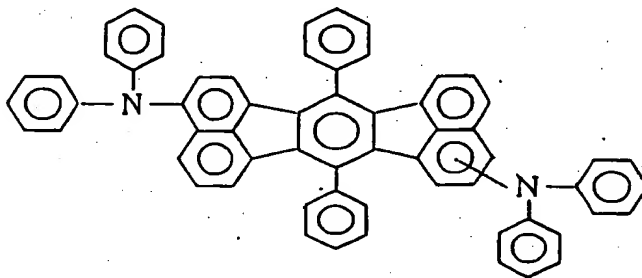
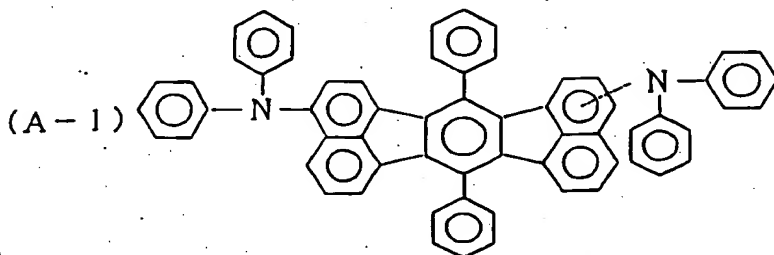


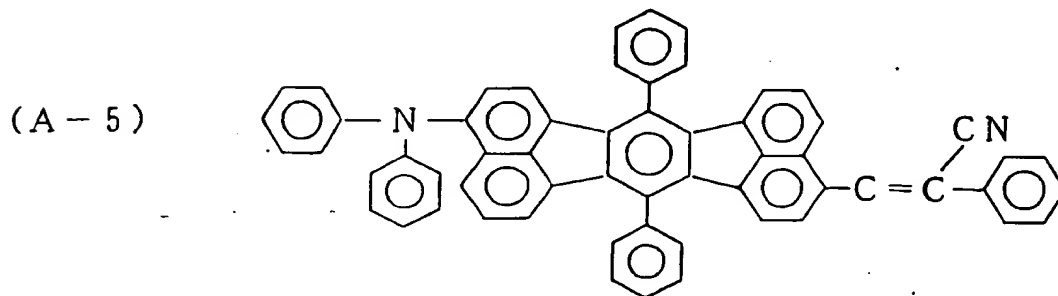
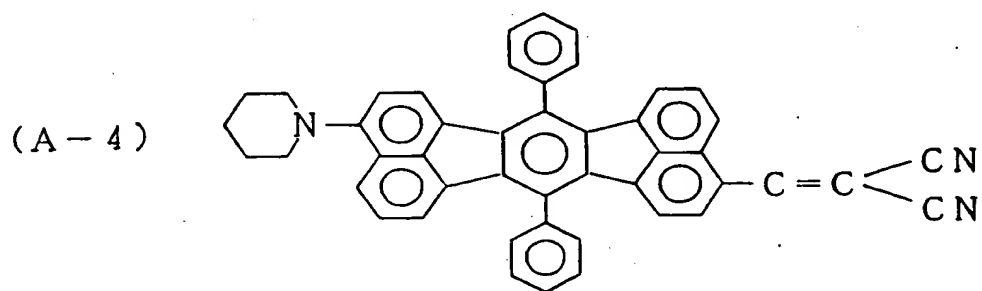
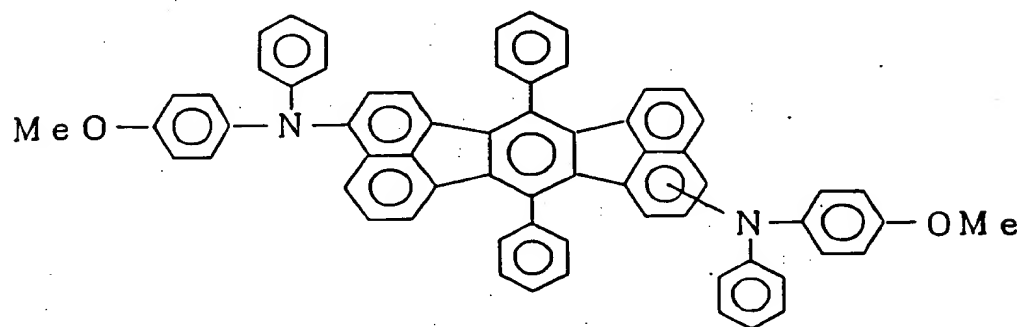
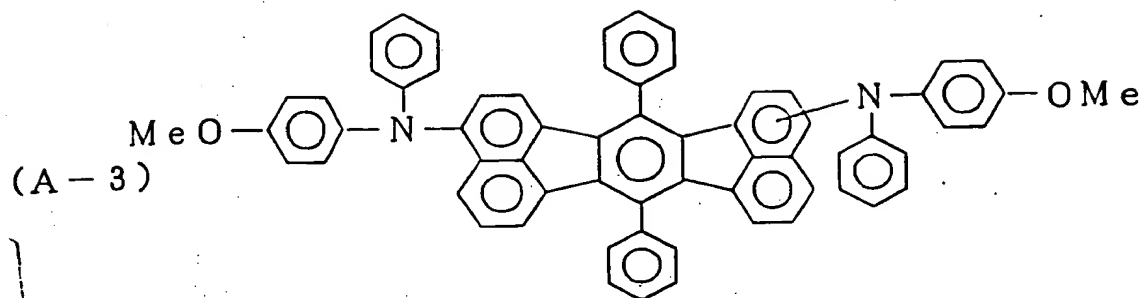
D

(B - 19)

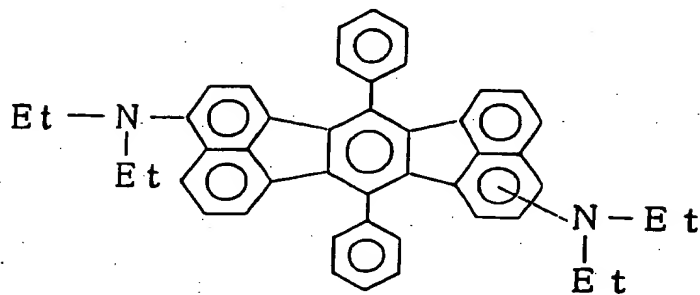
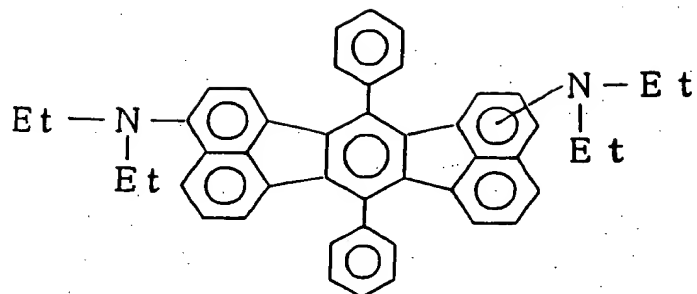


Claim 17: (Previously Presented): The compound according to Claim 15, wherein the compound has at least one structure selected from the group consisting of:

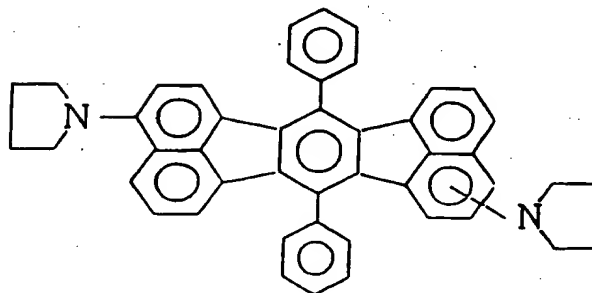
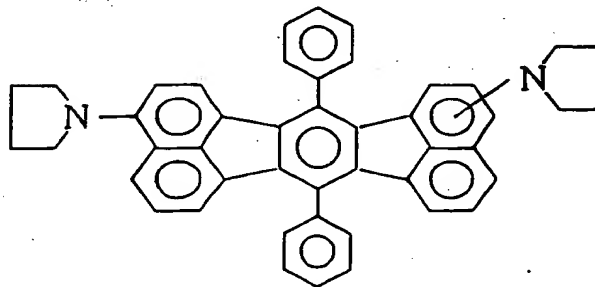




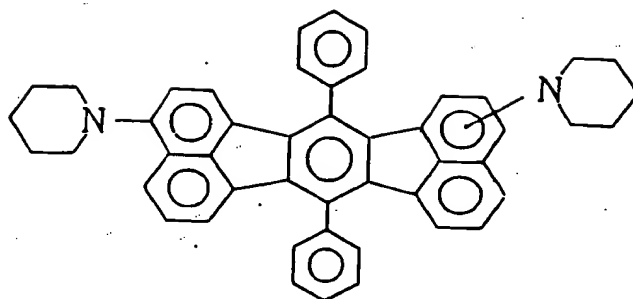
(A-6)



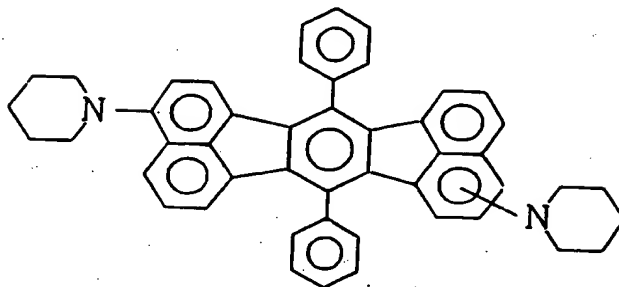
(A-7)



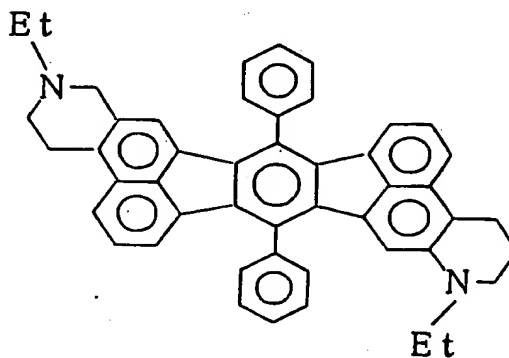
(A-8)



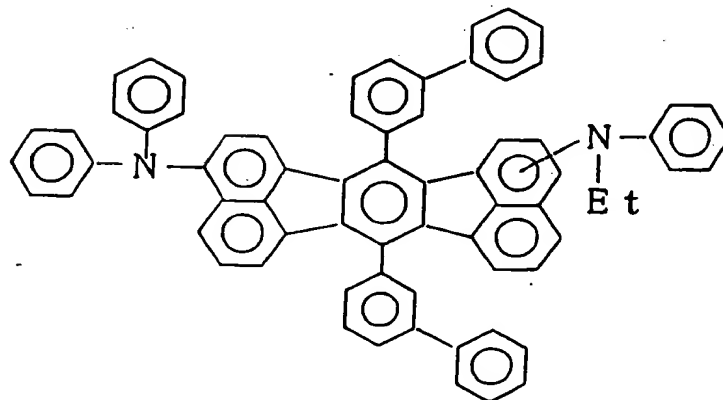
D

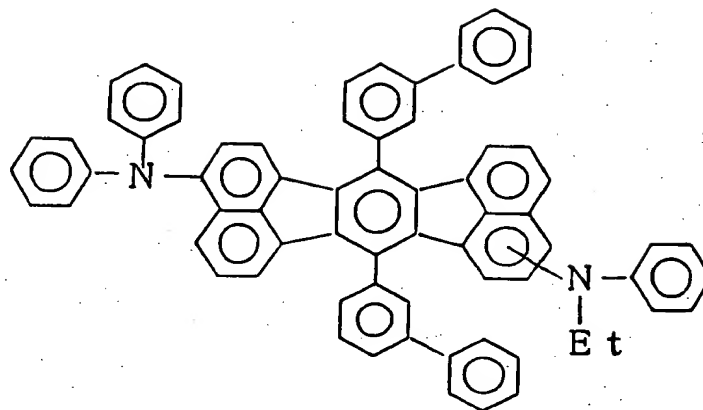


(A-9)

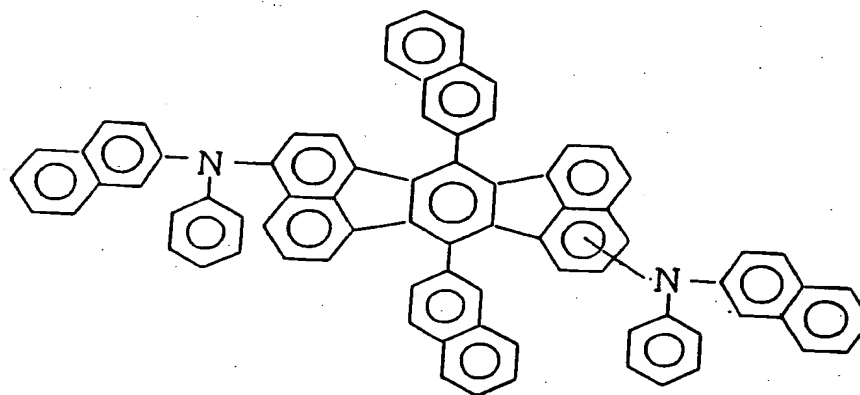
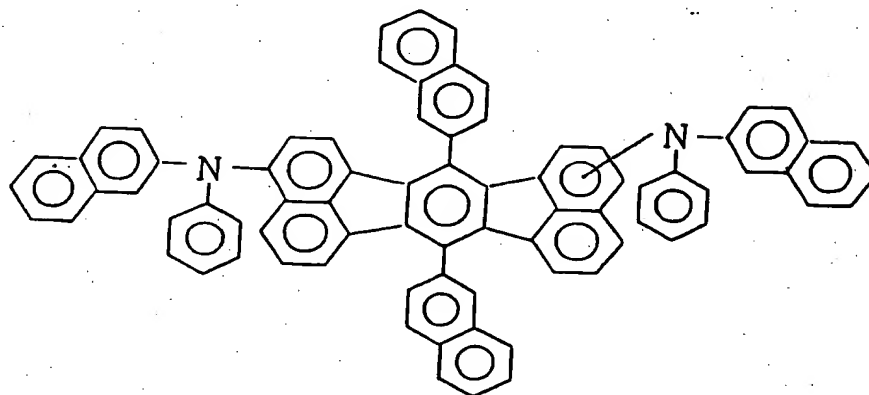


(A-10)

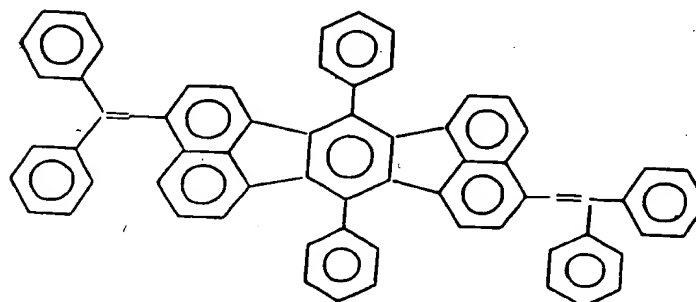




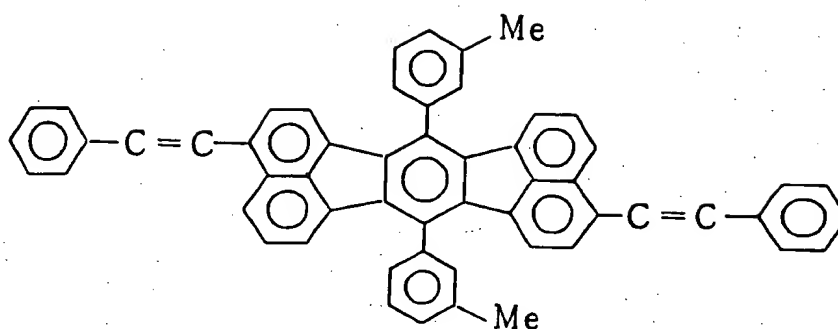
(A-11)



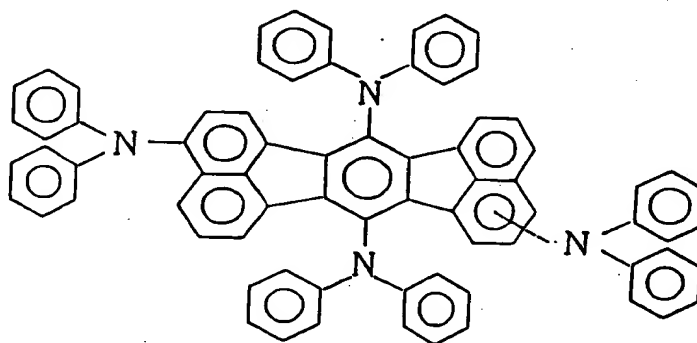
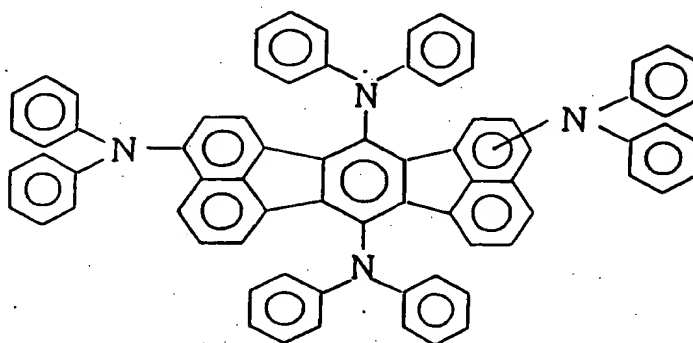
(A-12)



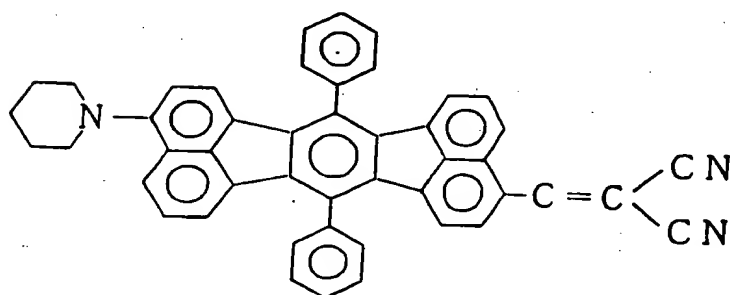
(A-13)



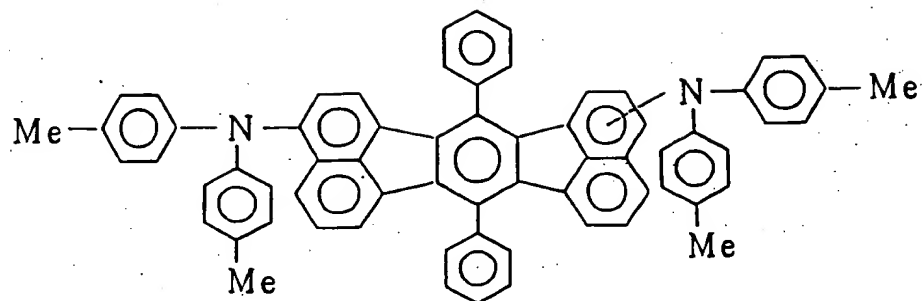
(A-14)



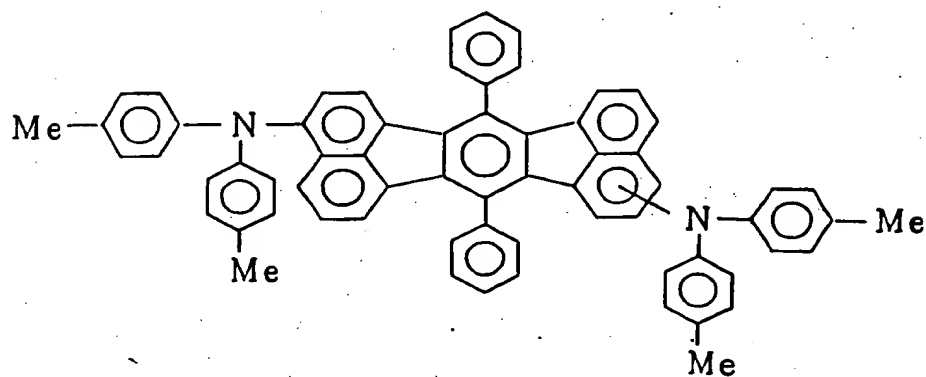
(A-15)



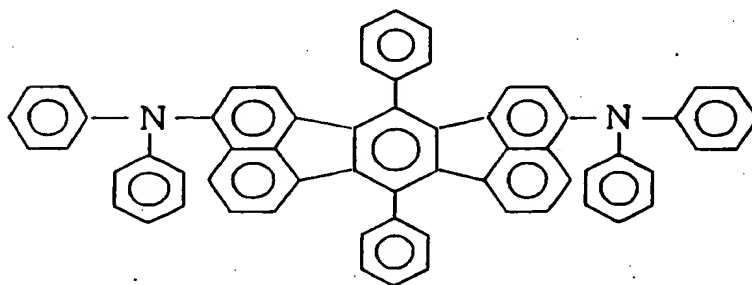
(A-16)



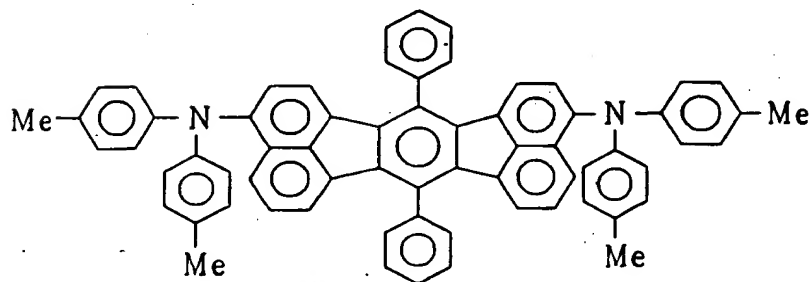
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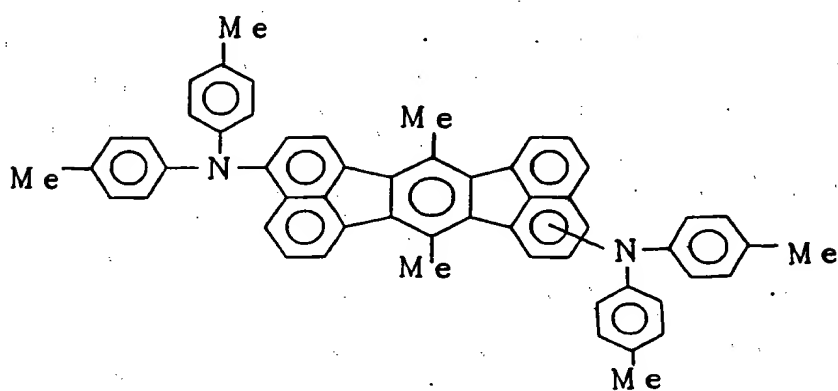
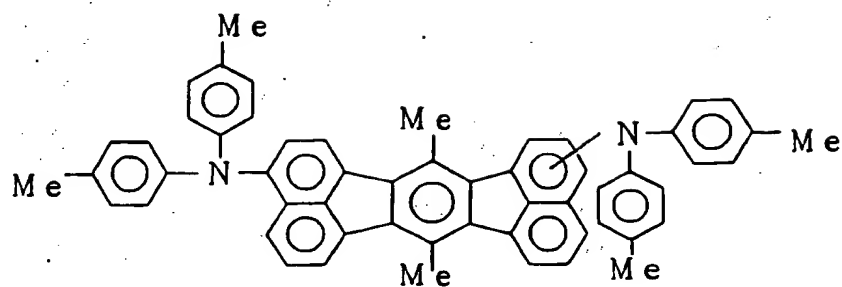
(A-17)



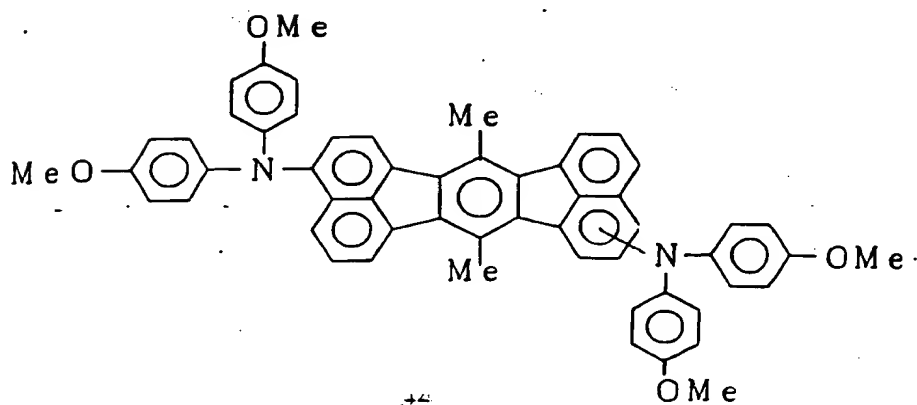
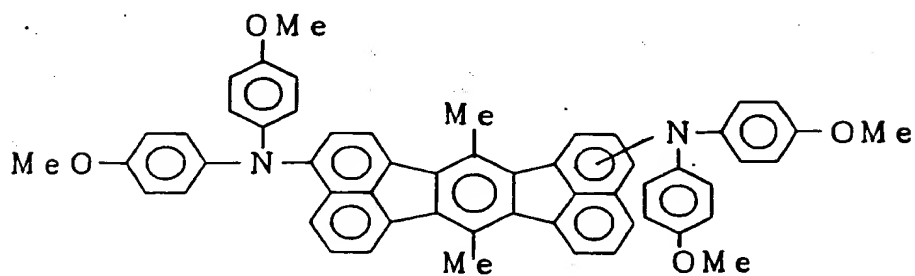
(A-18)



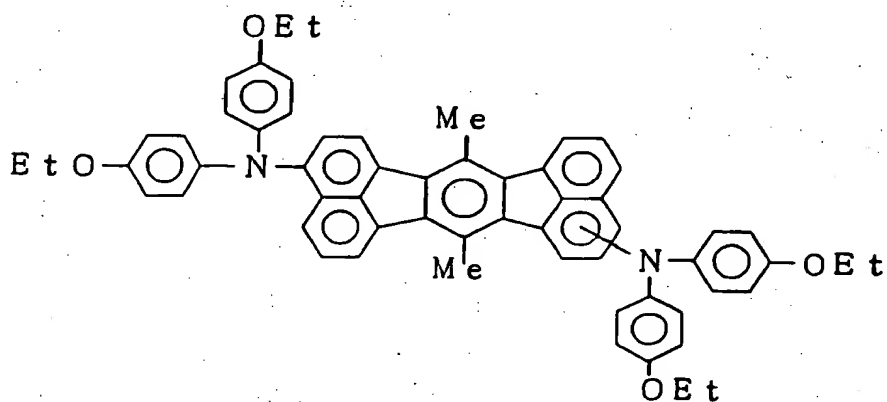
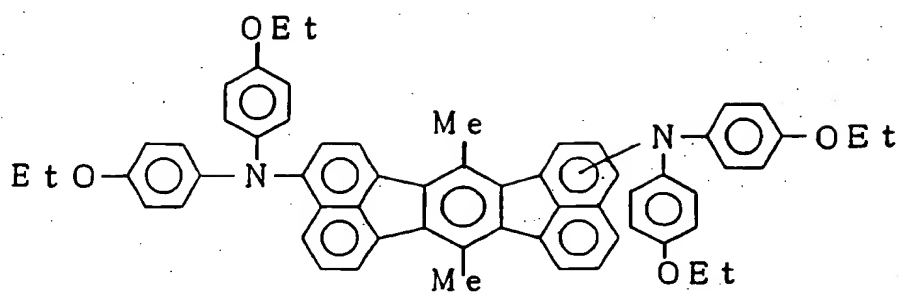
(A-19)



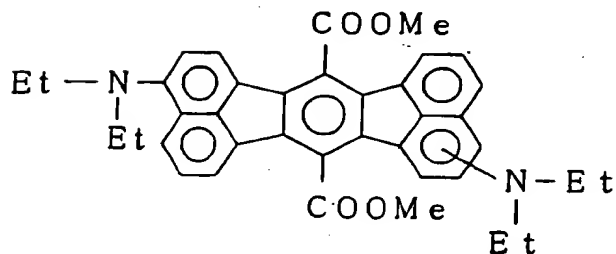
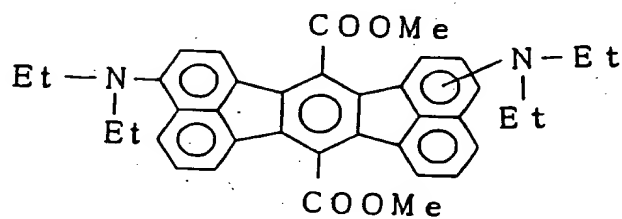
(A-20)



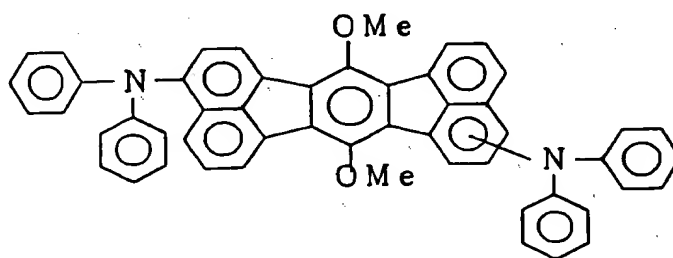
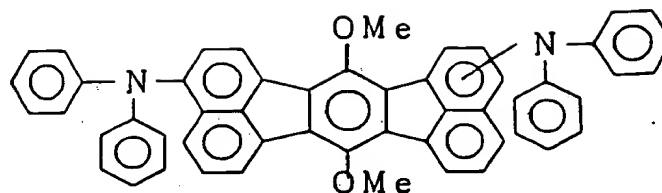
(A-21)



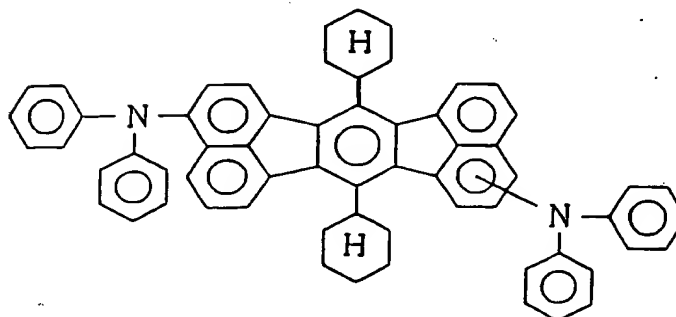
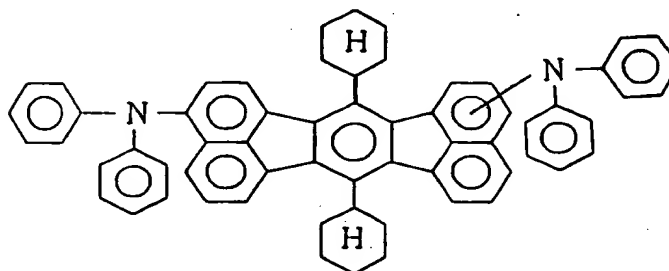
(A-22)



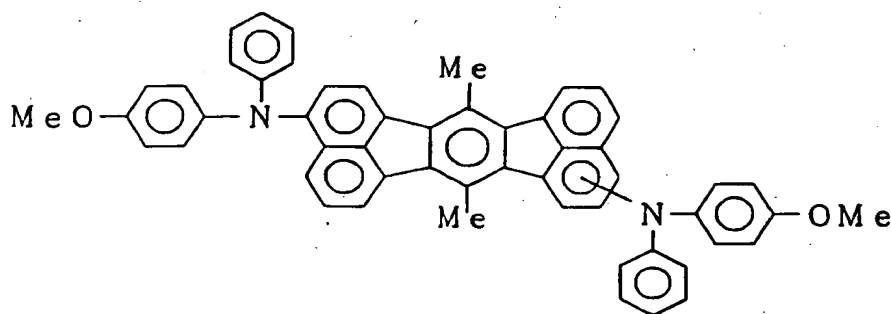
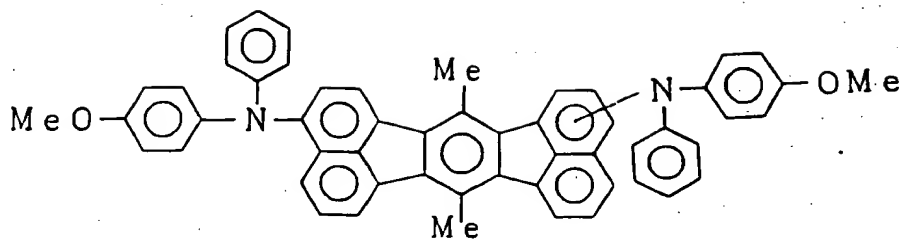
(A-23)



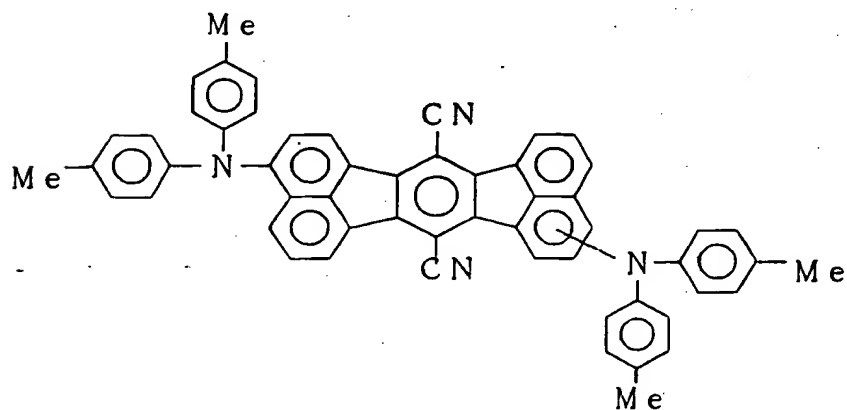
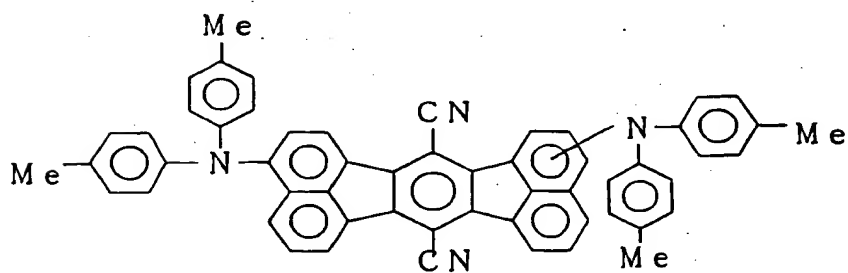
(A-24)



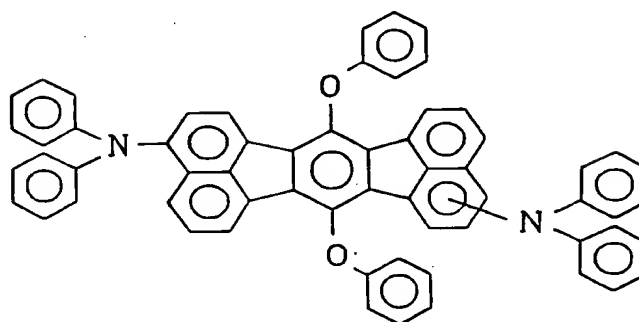
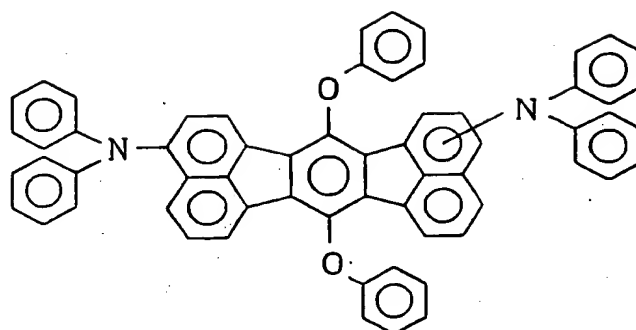
(A-25)



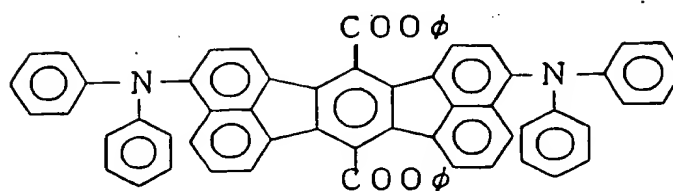
(A-26)



(A-27)

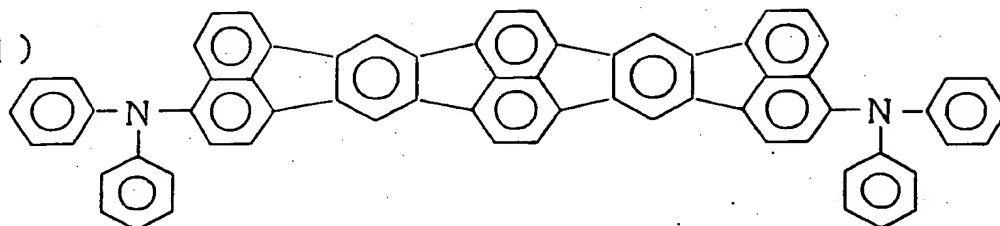


(A-28)

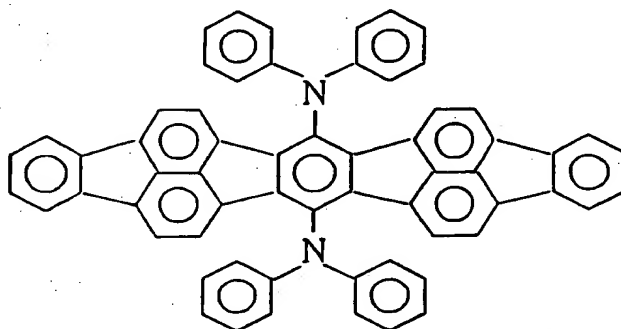


(ϕ is phenyl group)

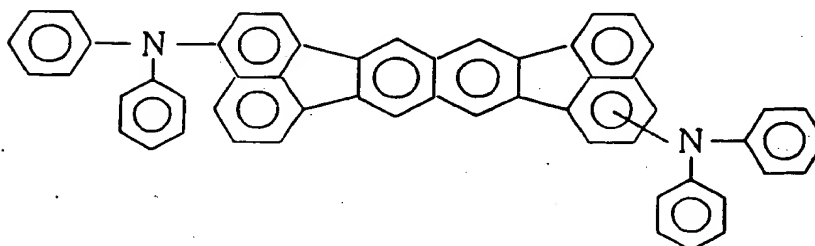
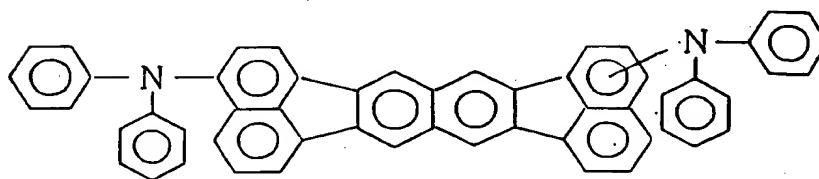
(B-1)

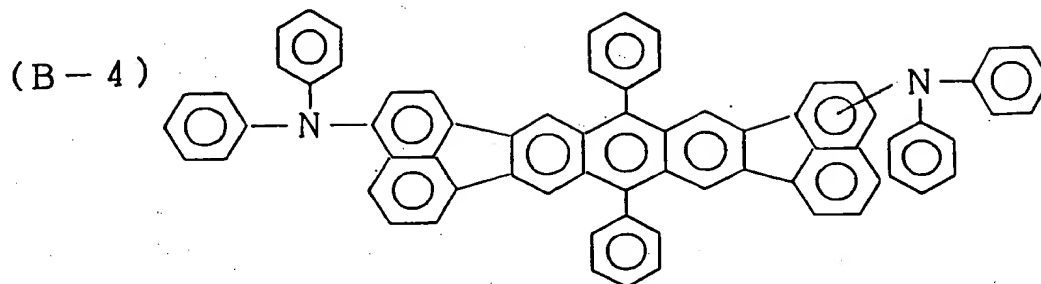


(B-2)

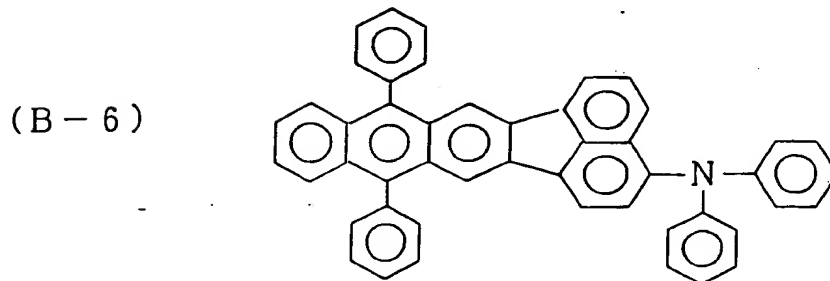
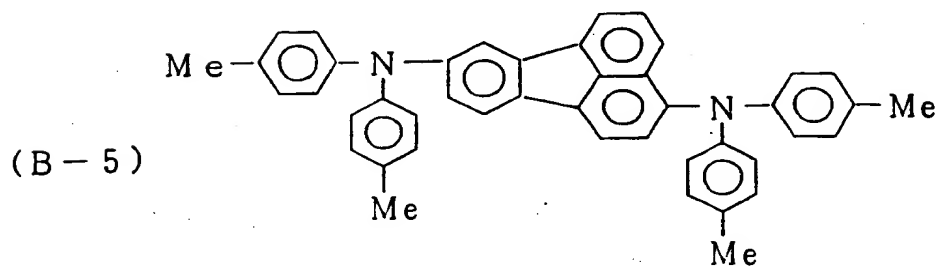
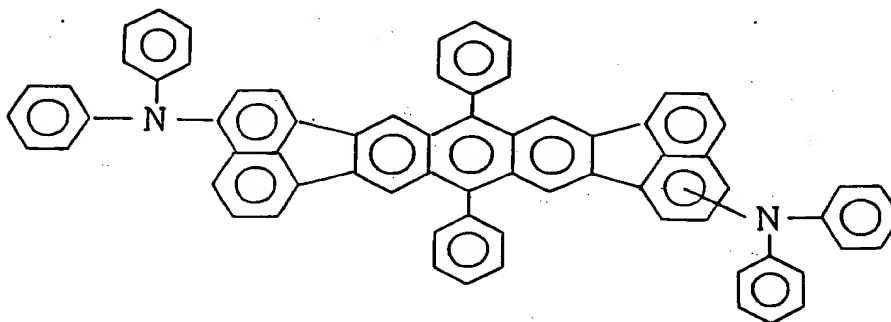


(B-3)

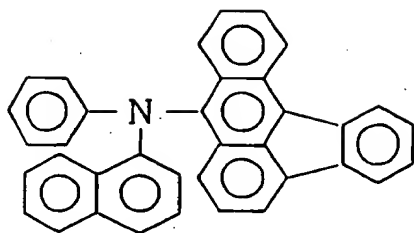




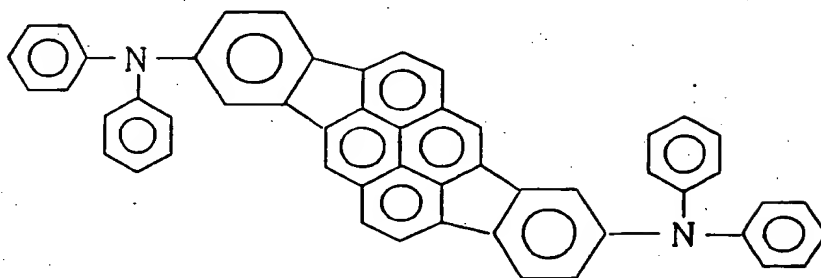
D1



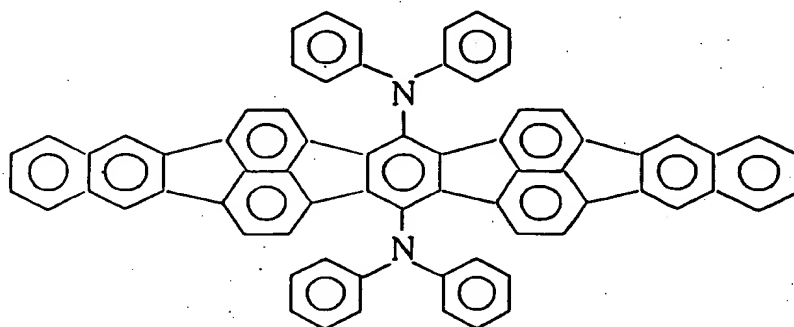
(B-7)



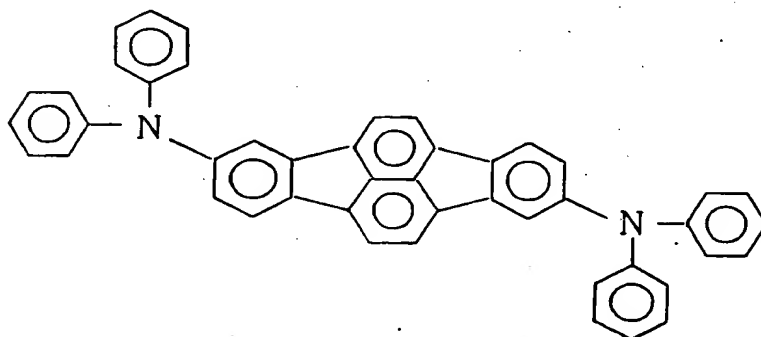
(B-8)



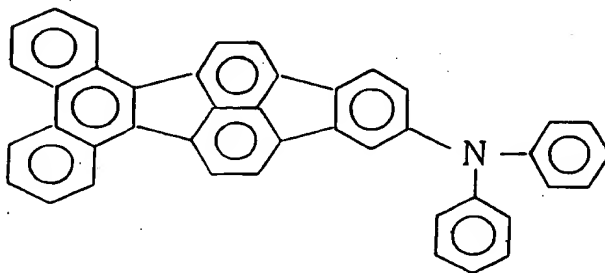
(B-9)



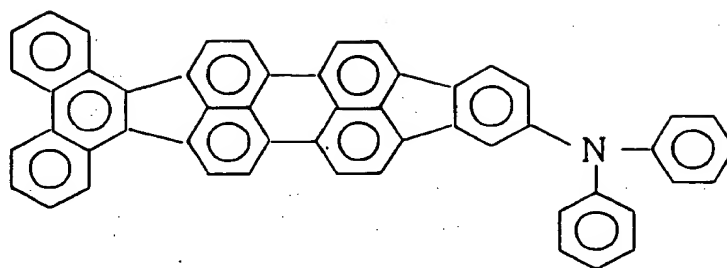
(B-10)



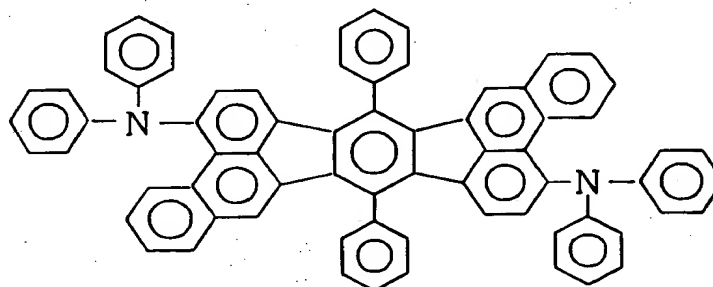
(B-11)



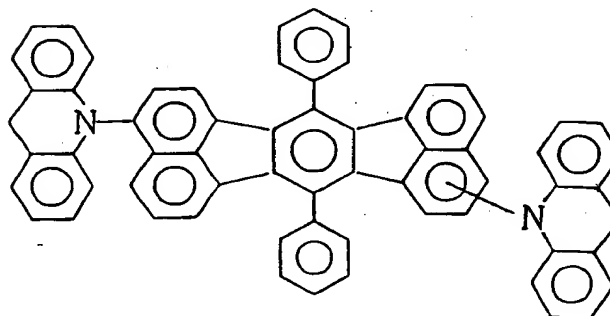
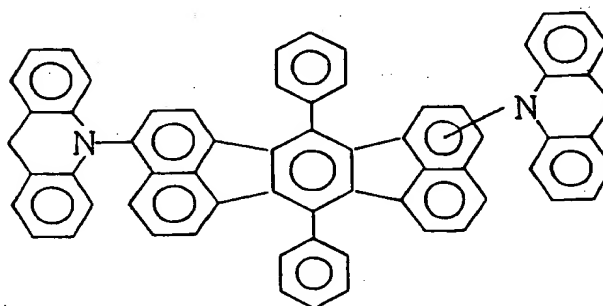
(B-12)



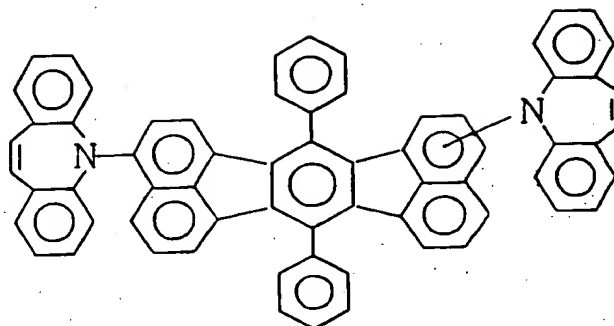
(B-13)



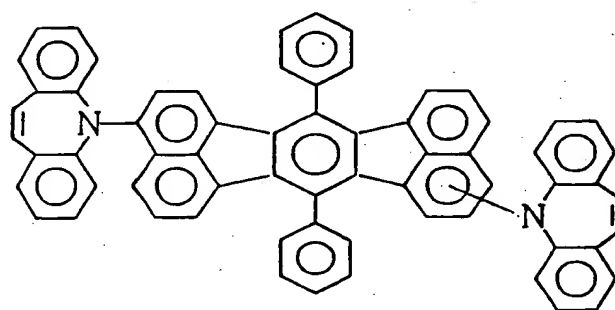
(B-14)



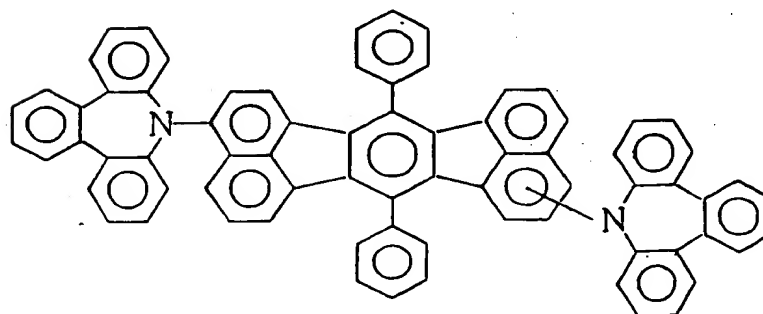
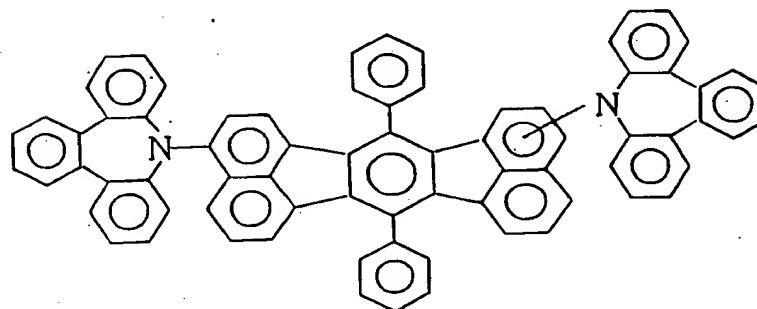
(B-15)



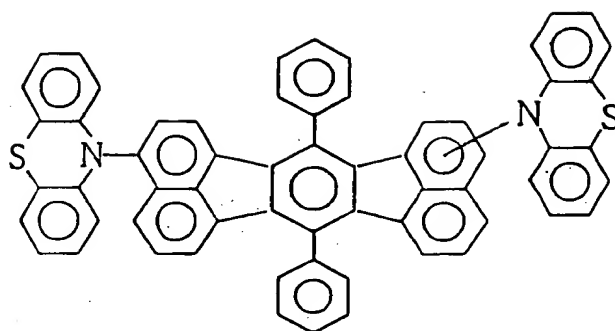
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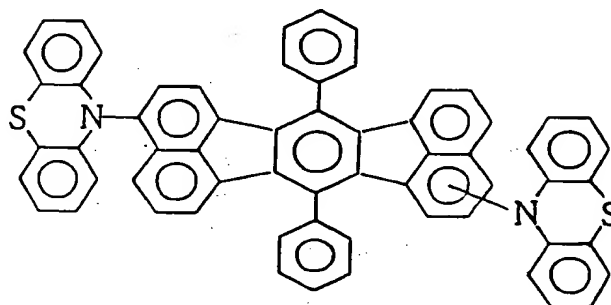
(B-16)



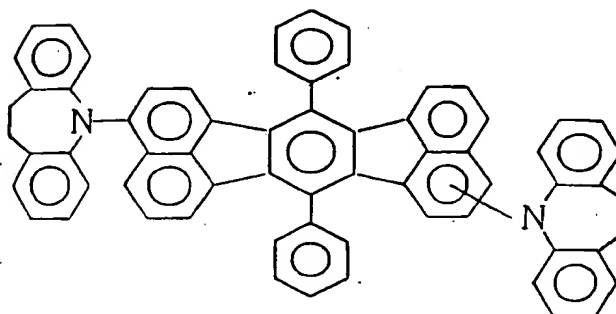
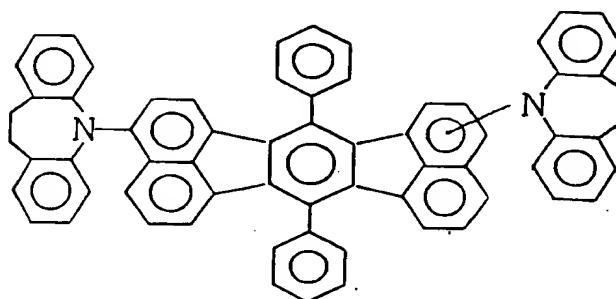
(B-17)



D/



(B-18)



21

(B - 19)

